

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\  
 Data File : VN055473.D  
 Acq On : 8 May 2019 7:01  
 Operator : JC/SP  
 Sample : K2717-10MS  
 Misc : 4.72g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

Quant Time: May 08 08:37:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 536641   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 857608   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 739935   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 341479   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 364857   | 51.97 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.94% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 278338   | 49.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.90%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1001032  | 49.25 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.50%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 364207   | 57.33 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 114.66% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 297279   | 45.214  | ug/l   | 100    |
| 3) Chloromethane              | 2.06 | 50   | 325693   | 40.004  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.19 | 62   | 282142   | 42.991  | ug/l   | 100    |
| 5) Bromomethane               | 2.52 | 94   | 130100   | 37.426  | ug/l   | 99     |
| 6) Chloroethane               | 2.66 | 64   | 156237   | 43.946  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 412663   | 44.220  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 180517   | 55.290  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 279334   | 50.267  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 350170   | 44.775  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.83 | 59   | 130681   | 325.124 | ug/l # | 94     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 246338   | 46.469  | ug/l   | 94     |
| 13) Acrolein                  | 3.61 | 56   | 84962    | 270.664 | ug/l   | 99     |
| 14) Allyl chloride            | 4.32 | 41   | 523774   | 47.706  | ug/l   | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 660453   | 292.330 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43   | 517548   | 236.594 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.05 | 76   | 485485   | 35.092  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.33 | 43   | 387085   | 73.119  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 879340   | 59.005  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.55 | 84   | 310570   | 46.514  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 263069   | 46.857  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.95 | 45   | 1280797  | 58.713  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.90 | 43   | 4057369  | 283.788 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 604387   | 51.999  | ug/l   | 99     |
| 25) 2-Butanone                | 6.84 | 43   | 822556   | 294.031 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 229357   | 28.576  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 328061   | 51.384  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.19 | 49   | 270454   | 46.162  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 548897   | 306.419 | ug/l   | 98     |
| 30) Chloroform                | 7.37 | 83   | 580596   | 52.695  | ug/l   | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 513970   | 46.543  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 458492   | 51.273  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 408452   | 49.723  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 359390   | 57.084  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 374474   | 47.258  | ug/l   | 99     |

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 Sample : K2717-10MS  
 Misc : 4.72g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
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Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

Quant Time: May 08 08:37:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 460274   | 52.700   | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 1226398  | 50.644   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 232080   | 67.843   | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 464859   | 54.199   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 633538   | 62.617   | ug/l # | 88       |
| 44) Trichloroethene            | 8.83  | 130  | 309393   | 50.118   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 373430   | 53.467   | ug/l   | 97       |
| 46) Dibromomethane             | 9.21  | 93   | 199415   | 52.235   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 438152   | 53.498   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 305326   | 61.386   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.21  | 88   | 64461    | 1253.701 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1773922  | 311.411  | ug/l   | 98       |
| 52) Toluene                    | 10.16 | 92   | 729388   | 52.495   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 378746   | 53.271   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 462110   | 52.130   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 283918   | 55.028   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 402270   | 63.343   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 510947   | 56.450   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 597229   | 300.392  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 1144506  | 321.115  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 297140   | 56.348   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 266322   | 55.845   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 338148   | 55.883   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 768797   | 53.142   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 291412   | 51.444   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1424912  | 54.544   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 1025419  | 109.967  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 507778   | 54.940   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 855858   | 60.310   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 180159   | 57.316   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 1388845  | 51.190   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 518198   | 59.130   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 359431   | 53.336   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 430843   | 68.827   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 329449   | 50.601   | ug/l   | 97       |
| 78) n-propylbenzene            | 12.59 | 91   | 1602917  | 45.697   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 961352   | 52.056   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1210494  | 45.217   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 70379    | 39.057   | ug/l   | 88       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 955521   | 46.851   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1027480  | 54.485   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1186470  | 49.555   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1370402  | 47.097   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1216115  | 50.850   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 583129   | 51.032   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 563663   | 52.381   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 1042727  | 61.358   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 185217   | 48.877   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 572598   | 50.559   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 53984    | 60.091   | ug/l   | 94       |

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Sample : K2717-10MS  
Misc : 4.72g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 48 Sample Multiplier: 1

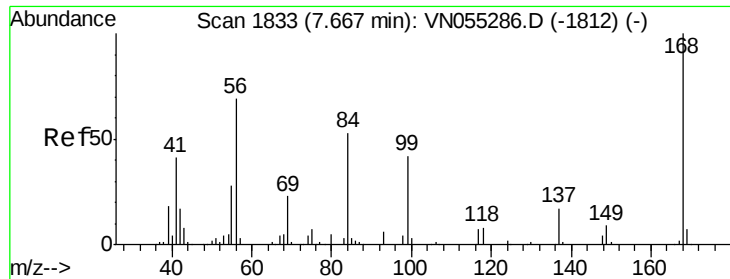
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

Quant Time: May 08 08:37:59 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 30 07:16:52 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 240121   | 53.530 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 196327   | 58.061 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 493026   | 51.814 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 244042   | 55.214 | ug/l  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

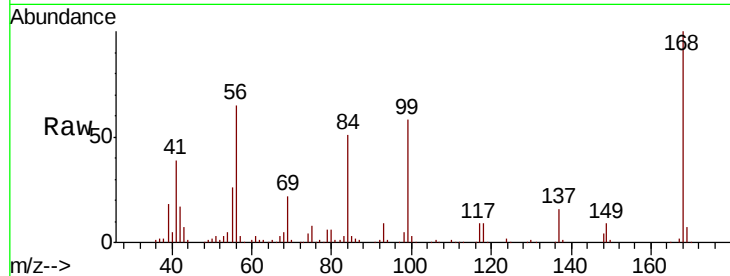
P026-SS002-1218-01MS

Tot Ion:168 Resp: 536641

Ion Ratio Lower Upper

168 100

99 57.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

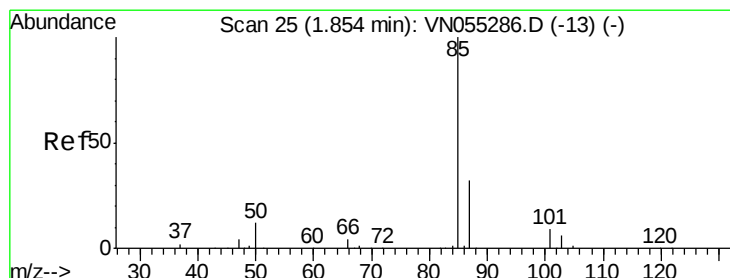
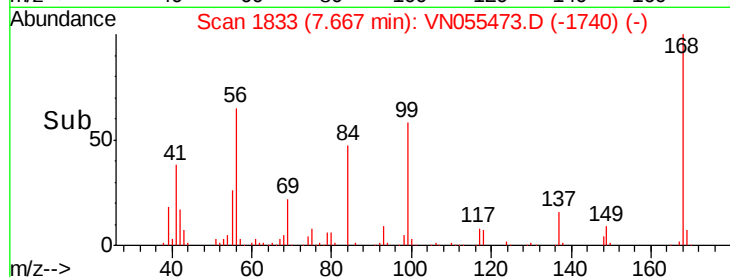
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50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.214 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055473.D

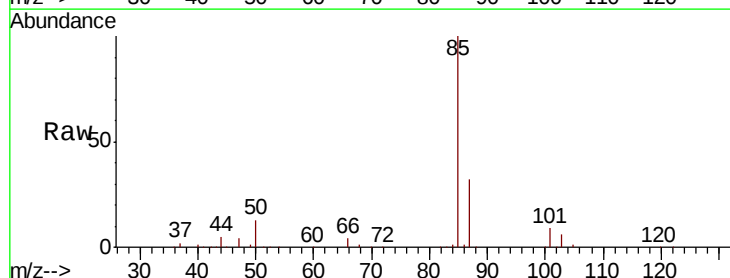
Acq: 8 May 2019 7:01

Tgt Ion: 85 Resp: 297279

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

150000

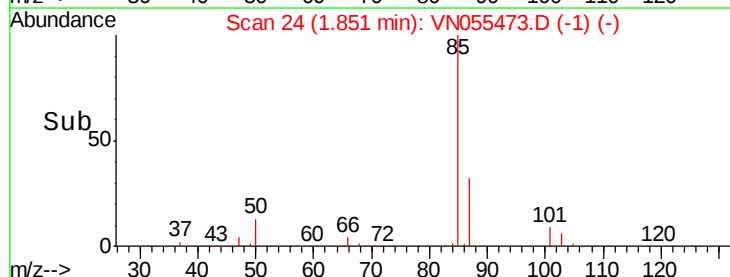
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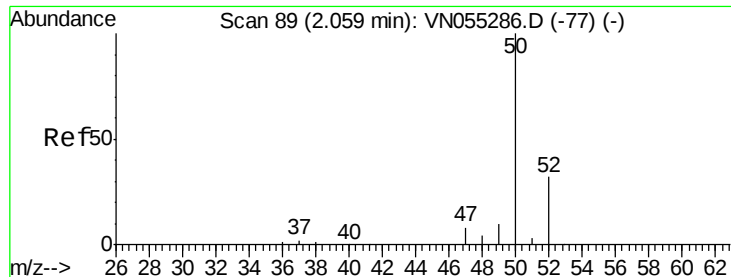
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 40.004 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

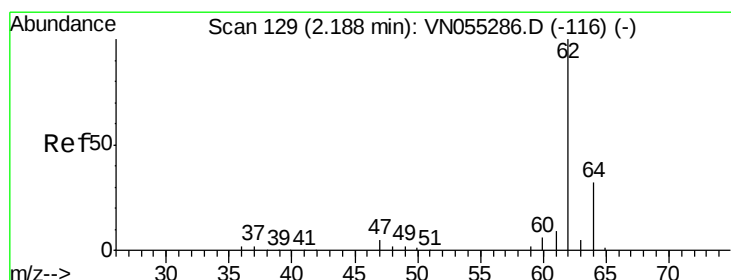
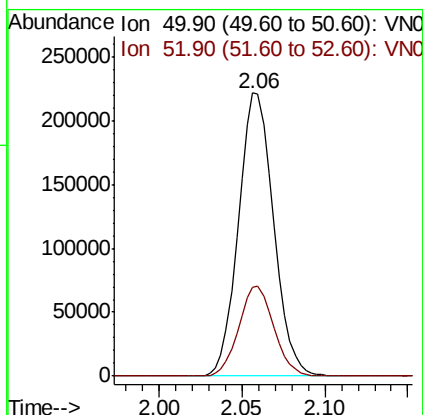
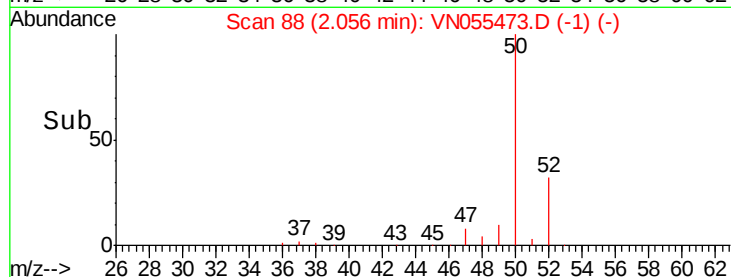
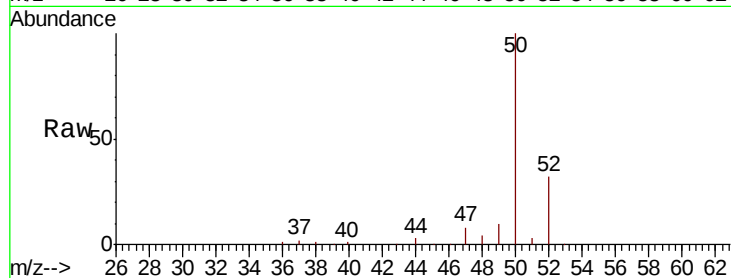
P026-SS002-1218-01MS

Tot Ion: 50 Resp: 325693

Ion Ratio Lower Upper

50 100

52 31.6 25.7 38.5



#4

Vinyl Chloride

Concen: 42.991 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055473.D

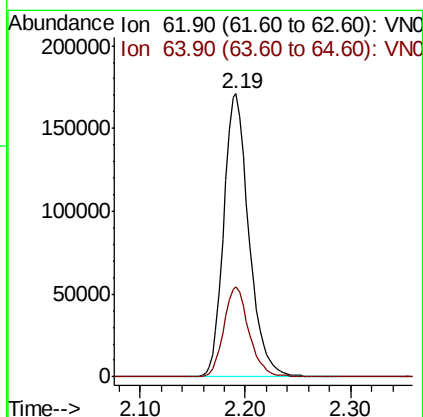
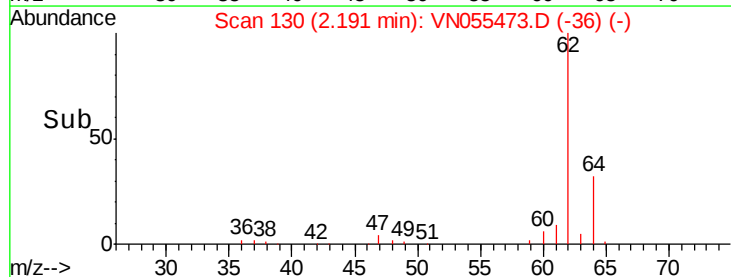
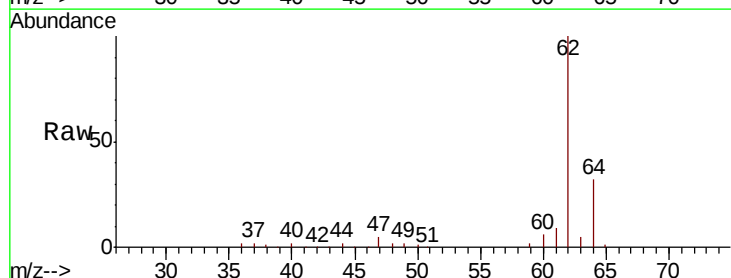
Acq: 8 May 2019 7:01

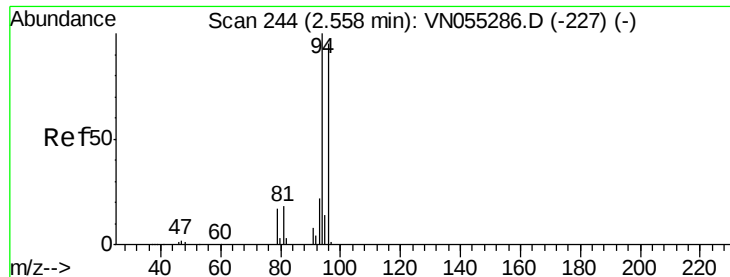
Tgt Ion: 62 Resp: 282142

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 37.426 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.04 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

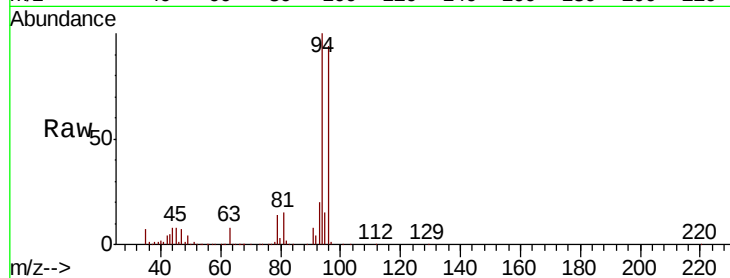
P026-SS002-1218-01MS

Tot Ion: 94 Resp: 130100

Ion Ratio Lower Upper

94 100

96 93.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

100000

80000

60000

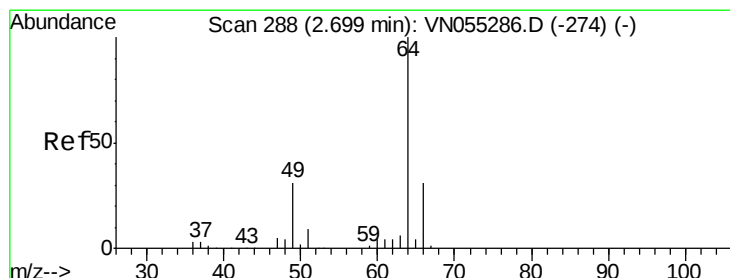
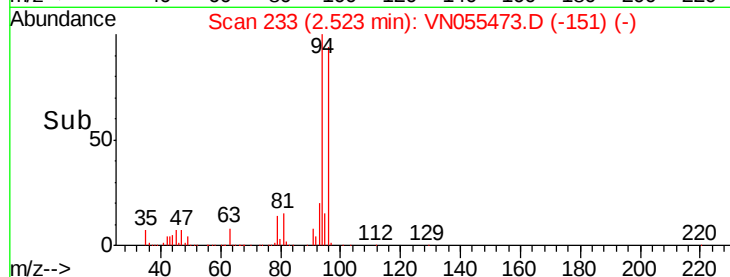
40000

20000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 43.946 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.04 min

Lab File: VN055473.D

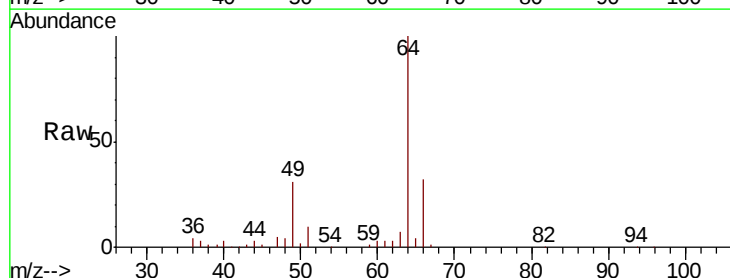
Acq: 8 May 2019 7:01

Tgt Ion: 64 Resp: 156237

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

80000

60000

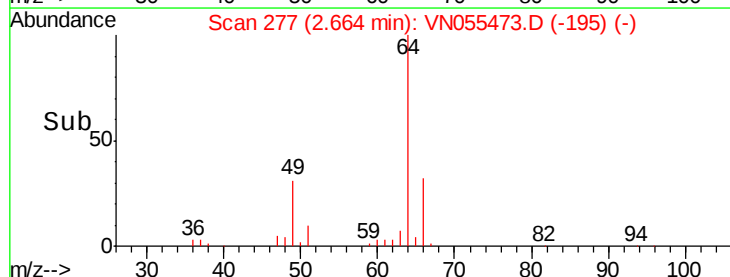
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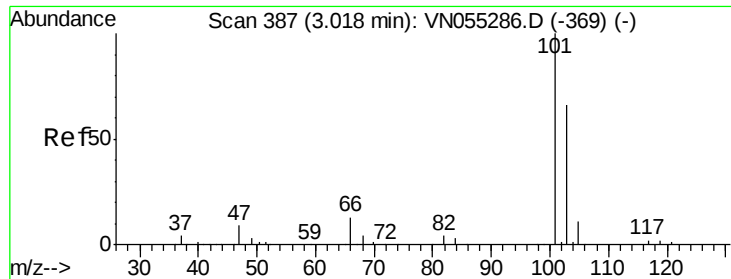
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Time-->

2.60 2.65 2.70 2.80



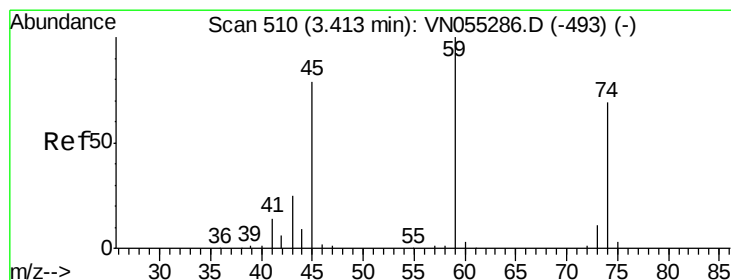
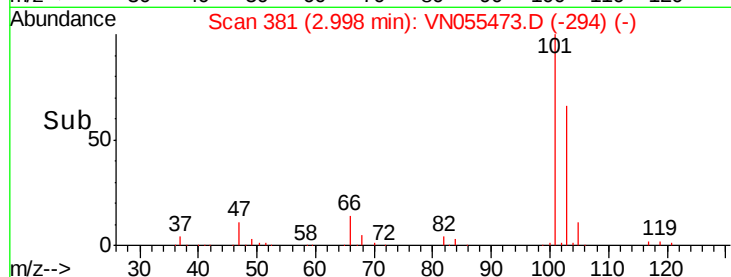
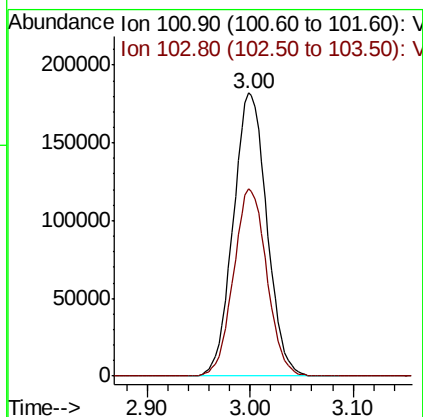
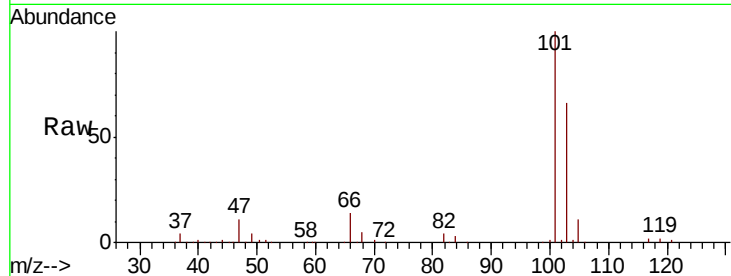


#7

Trichlorofluoromethane  
Concen: 44.220 ug/l  
RT: 3.00 min Scan# 381  
Delta R.T. -0.02 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

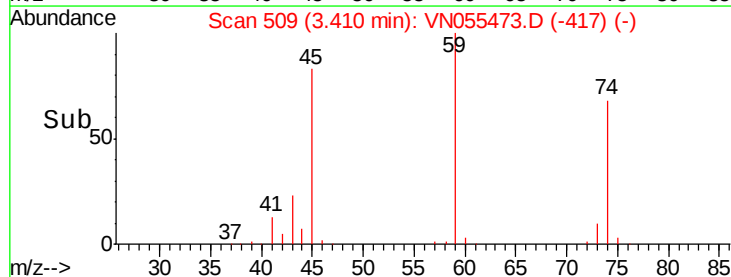
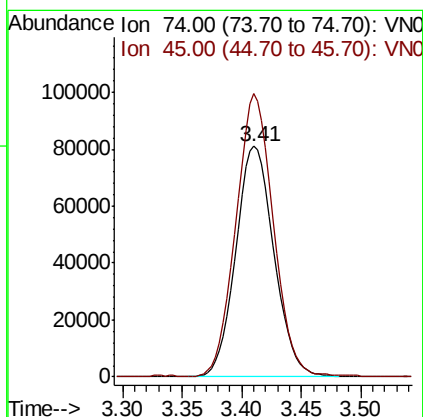
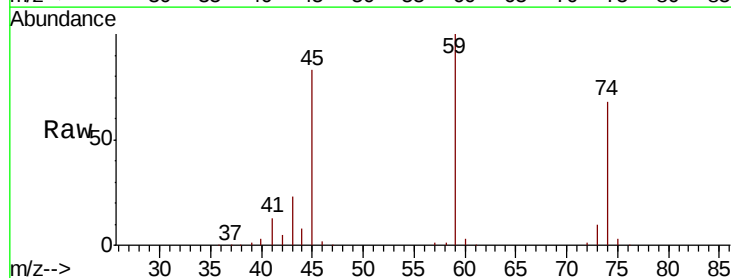
Tot Ion:101 Resp: 412663  
Ion Ratio Lower Upper  
101 100  
103 66.4 52.6 79.0

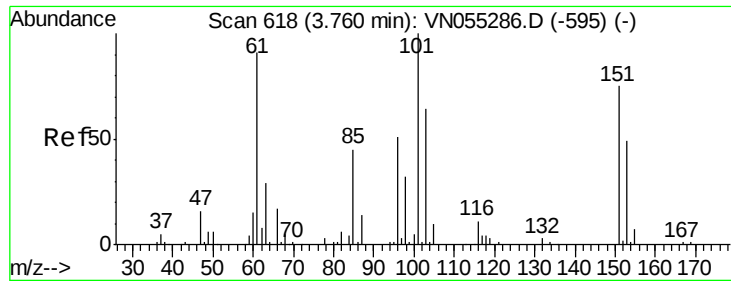


#8

Diethyl Ether  
Concen: 55.290 ug/l  
RT: 3.41 min Scan# 509  
Delta R.T. -0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 74 Resp: 180517  
Ion Ratio Lower Upper  
74 100  
45 119.1 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.267 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.01 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

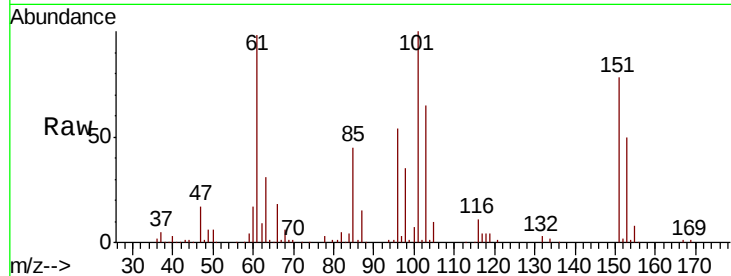
Tot Ion:101 Resp: 279334

Ion Ratio Lower Upper

101 100

85 45.9 35.7 53.5

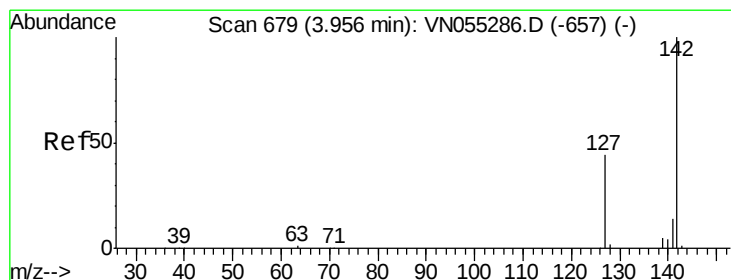
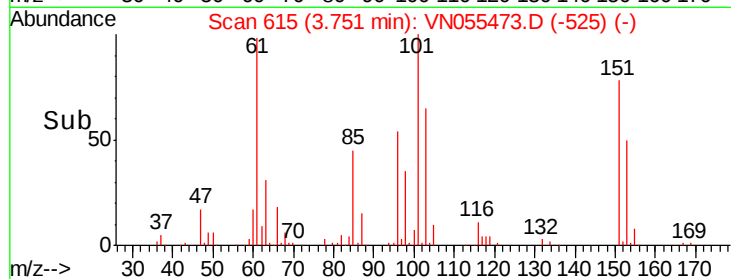
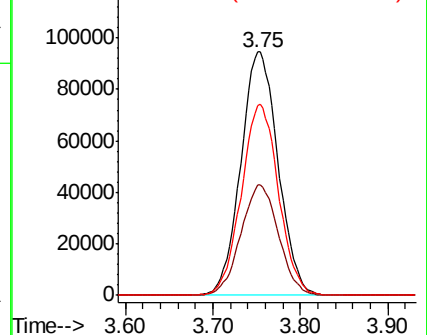
151 78.3 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.775 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.01 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

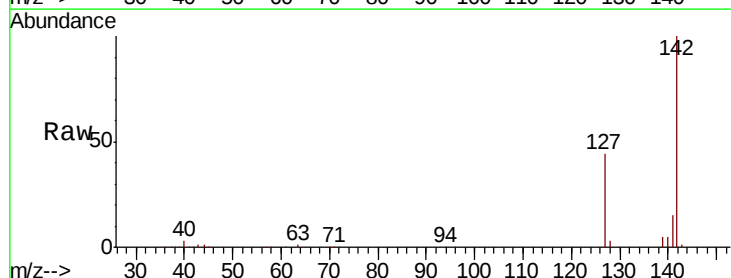
Tgt Ion:142 Resp: 350170

Ion Ratio Lower Upper

142 100

127 43.6 34.4 51.6

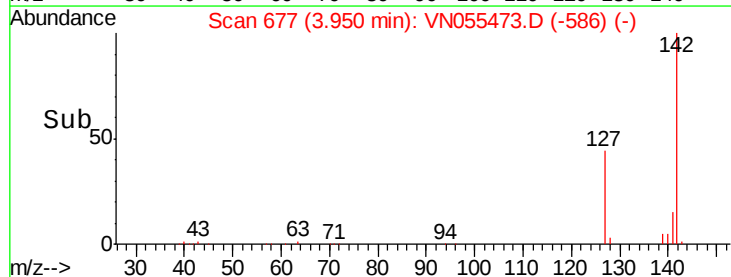
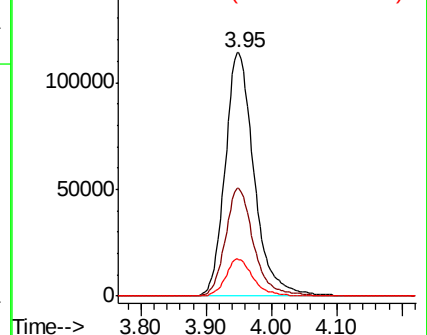
141 14.6 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

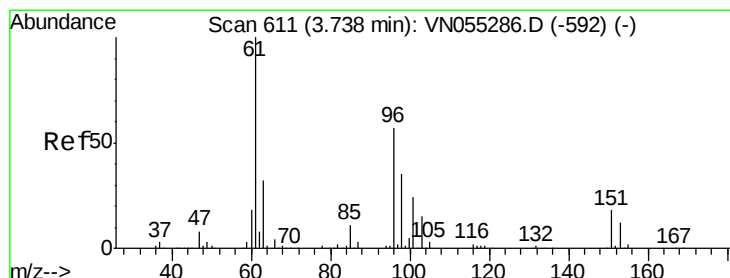
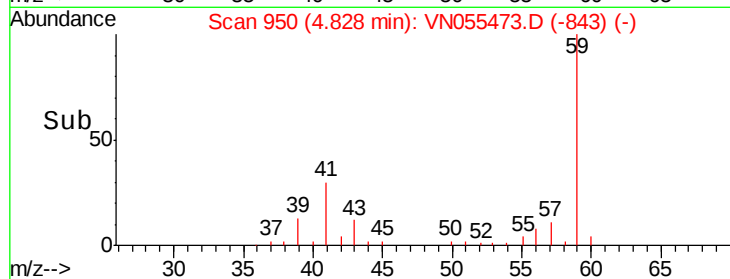
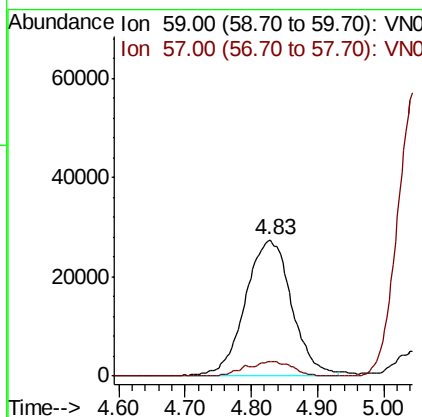
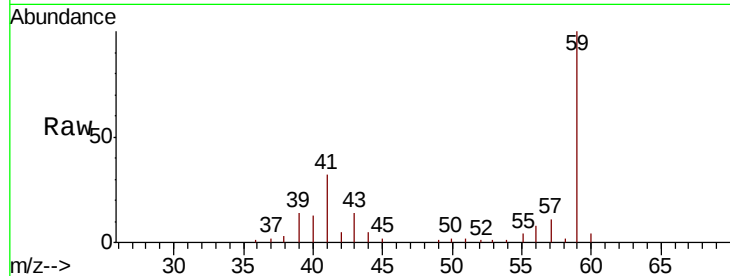




#11  
Tert butyl alcohol  
Concen: 325.124 ug/l  
RT: 4.83 min Scan# 950  
Delta R.T. 0.05 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

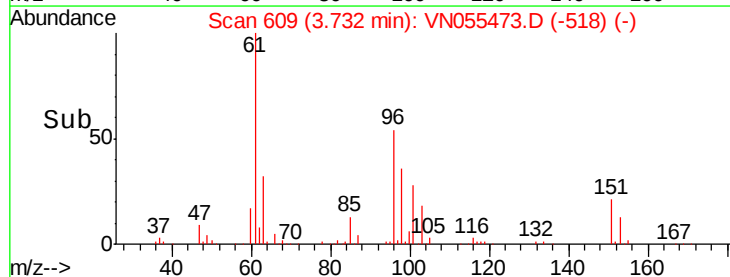
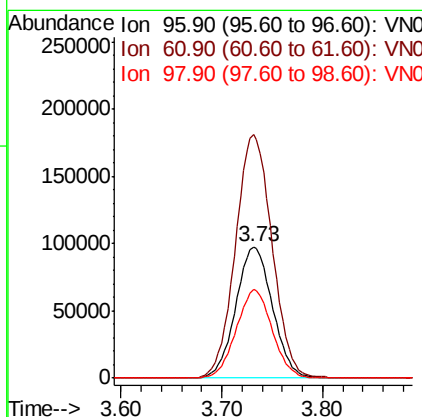
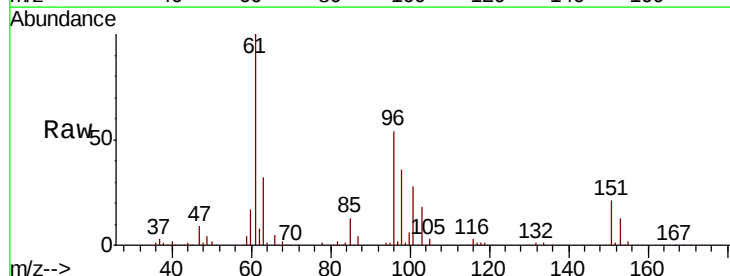
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

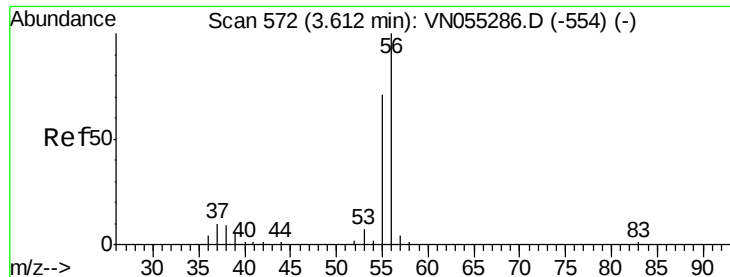
Tot Ion: 59 Resp: 130681  
Ion Ratio Lower Upper  
59 100  
57 7.9 8.2 12.2#



#12  
1,1-Dichloroethene  
Concen: 46.469 ug/l  
RT: 3.73 min Scan# 609  
Delta R.T. -0.01 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 96 Resp: 246338  
Ion Ratio Lower Upper  
96 100  
61 185.1 140.9 211.3  
98 67.0 50.0 75.0





#13

Acrolein

Concen: 270.664 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.01 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

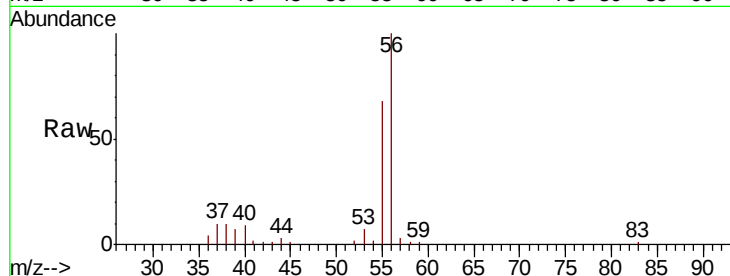
P026-SS002-1218-01MS

Tot Ion: 56 Resp: 84962

Ion Ratio Lower Upper

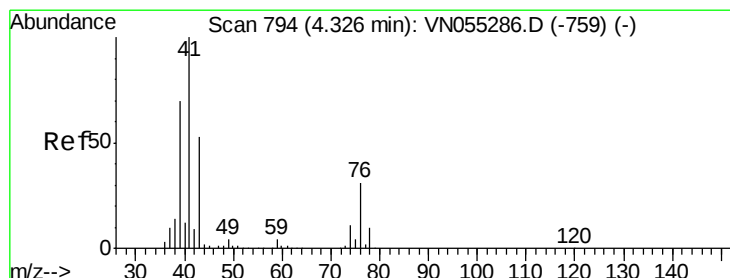
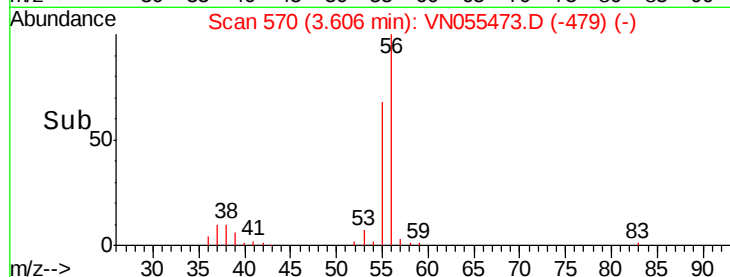
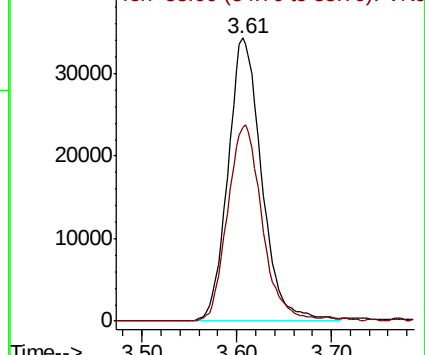
56 100

55 70.9 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.706 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.01 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

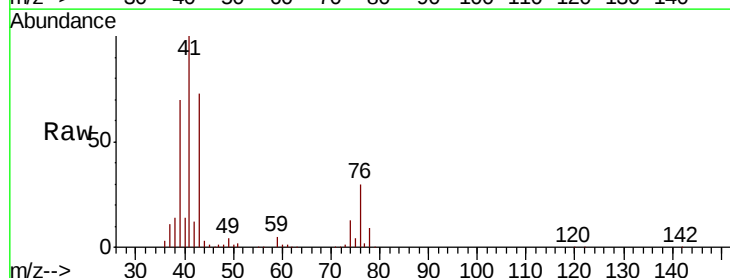
Tgt Ion: 41 Resp: 523774

Ion Ratio Lower Upper

41 100

39 65.9 53.0 79.6

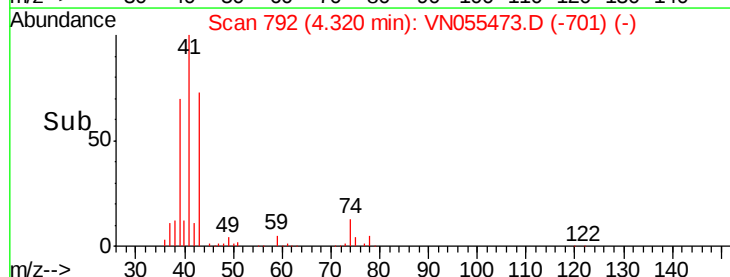
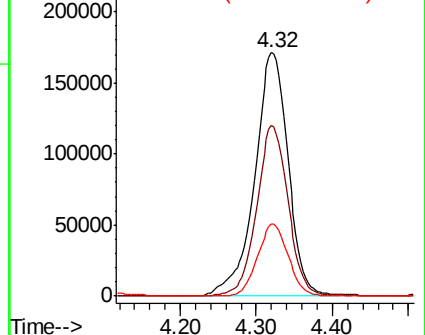
76 27.0 22.7 34.1

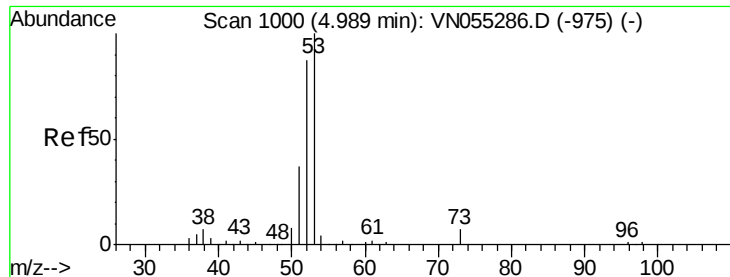


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 292.330 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

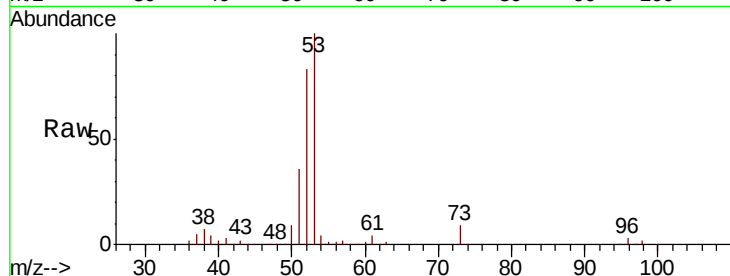
Tot Ion: 53 Resp: 660453

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

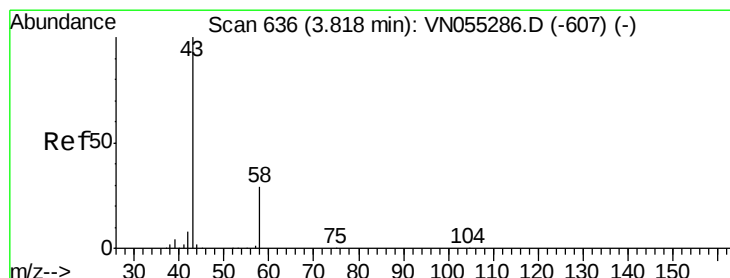
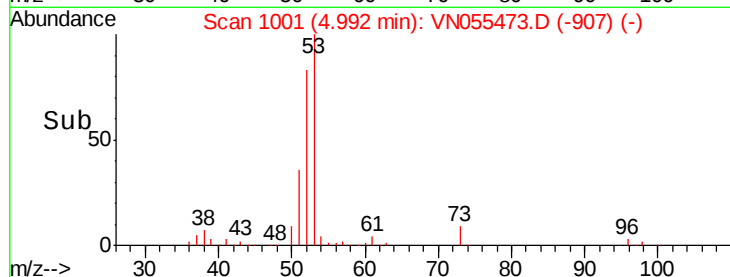
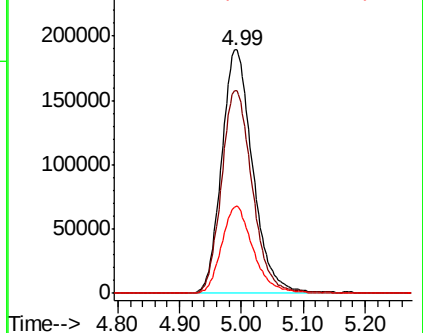
51 36.3 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN055473.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055473.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055473.D (-907) (-)



#16

Acetone

Concen: 236.594 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055473.D

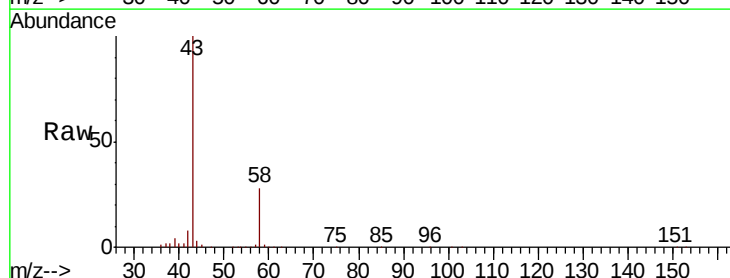
Acq: 8 May 2019 7:01

Tgt Ion: 43 Resp: 517548

Ion Ratio Lower Upper

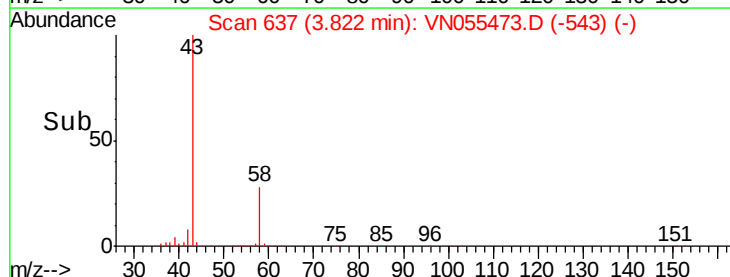
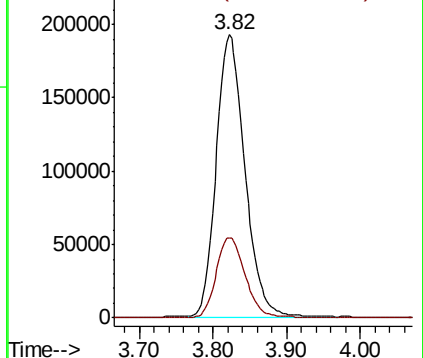
43 100

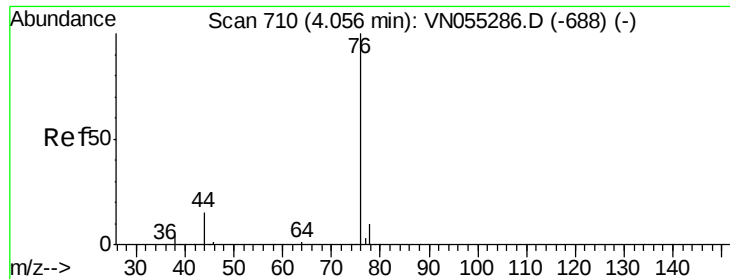
58 28.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055473.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055473.D (-543) (-)

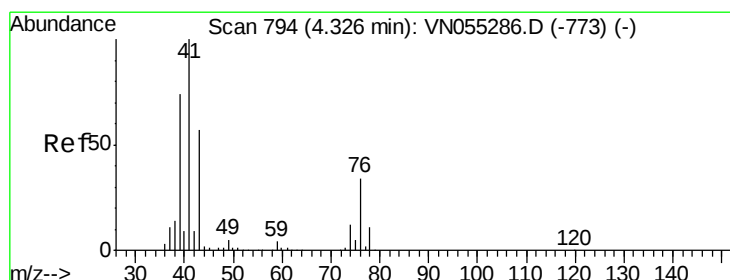
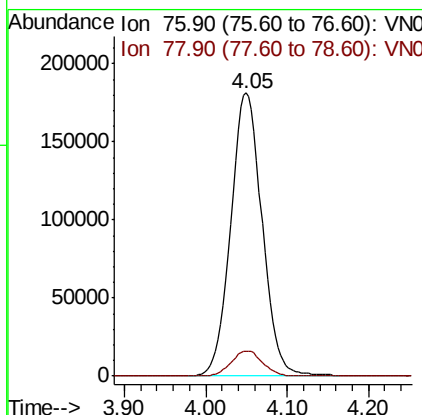
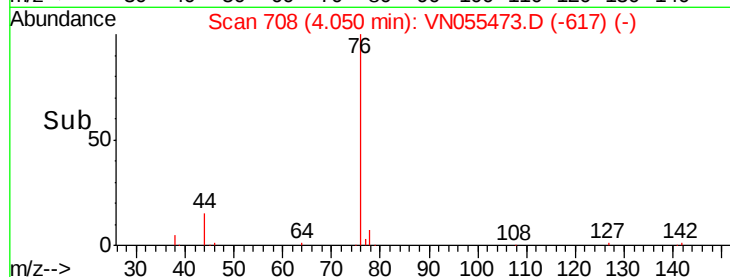
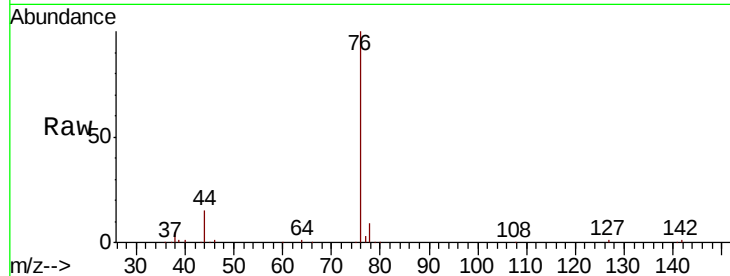




#17  
Carbon Disulfide  
Concen: 35.092 ug/l  
RT: 4.05 min Scan# 708  
Delta R.T. -0.01 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

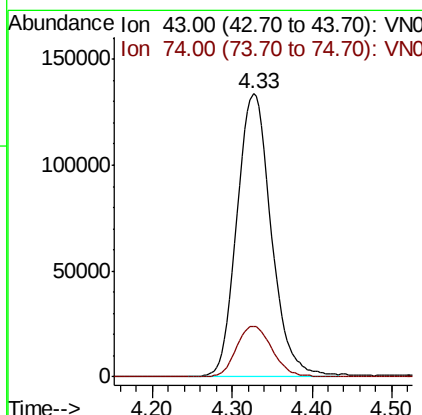
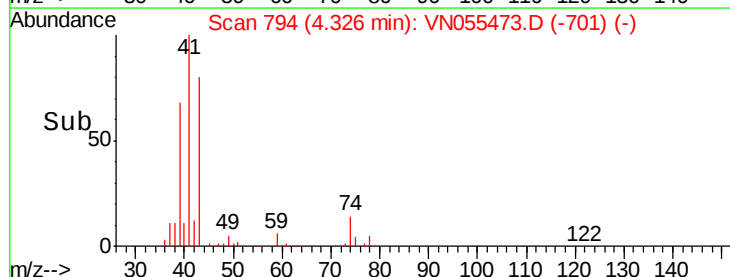
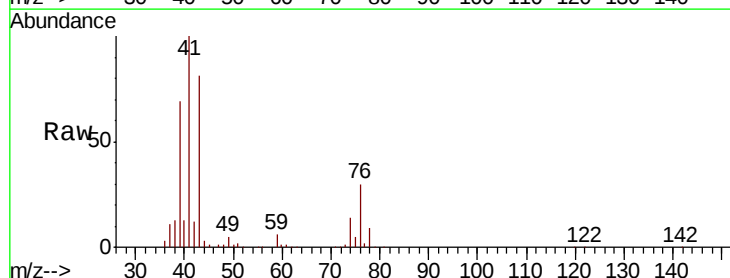
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

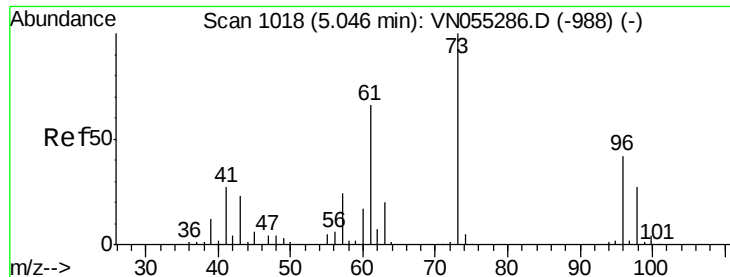
Tot Ion: 76 Resp: 485485  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.6 11.4



#18  
Methyl Acetate  
Concen: 73.119 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 43 Resp: 387085  
Ion Ratio Lower Upper  
43 100  
74 18.7 15.8 23.8

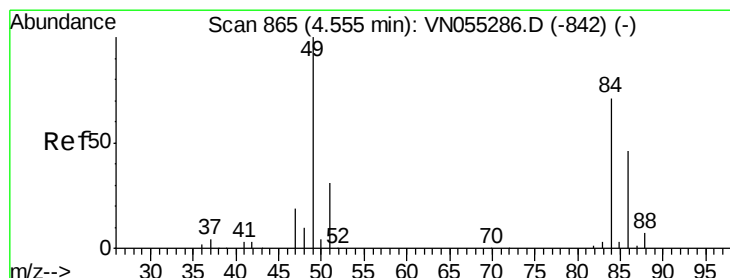
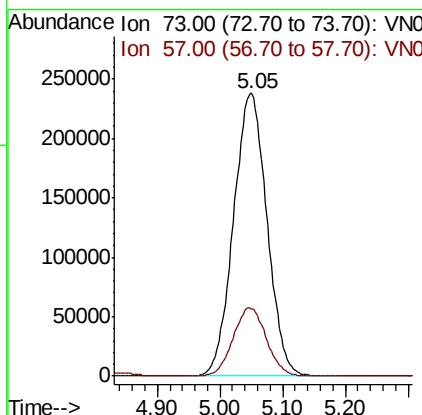
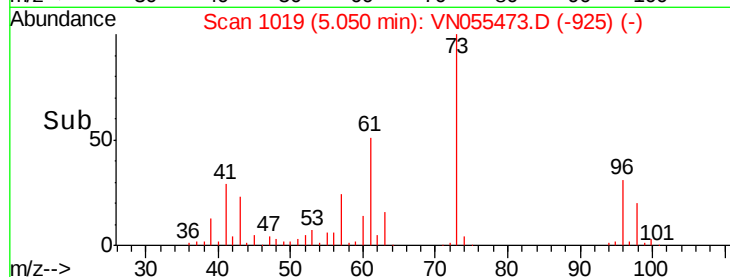
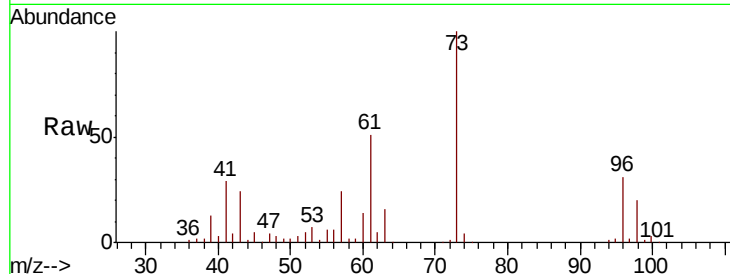




#19  
Methvl tert-butvl Ether  
Concen: 59.005 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

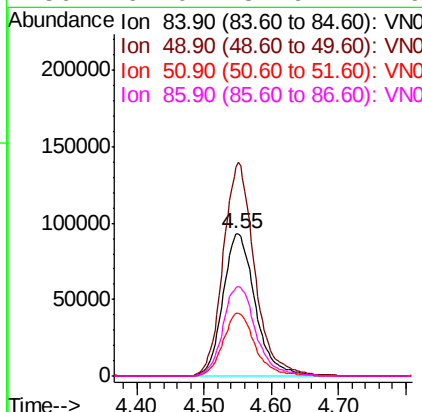
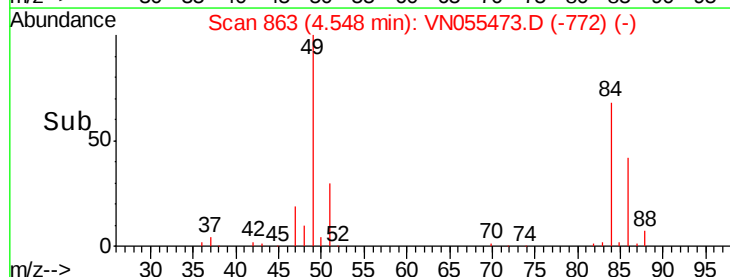
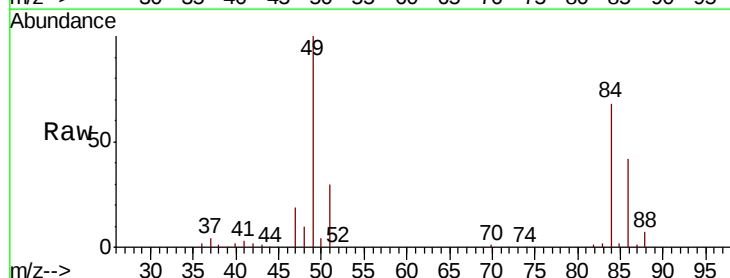
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

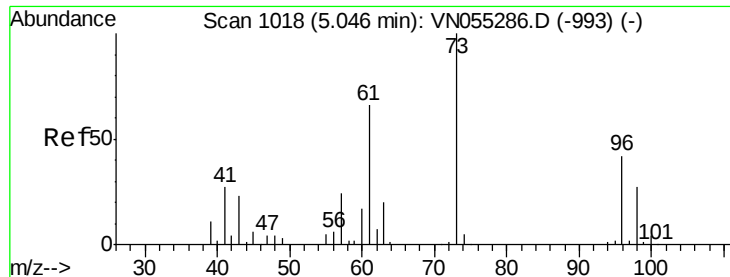
Tot Ion: 73 Resp: 879340  
Ion Ratio Lower Upper  
73 100  
57 23.9 19.1 28.7



#20  
Methylene Chloride  
Concen: 46.514 ug/l  
RT: 4.55 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 84 Resp: 310570  
Ion Ratio Lower Upper  
84 100  
49 146.9 112.4 168.6  
51 43.9 34.6 51.8  
86 62.0 51.9 77.9

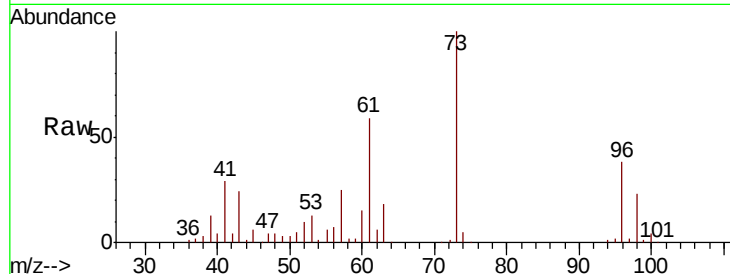




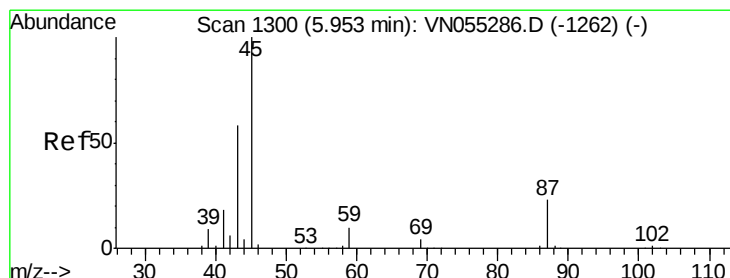
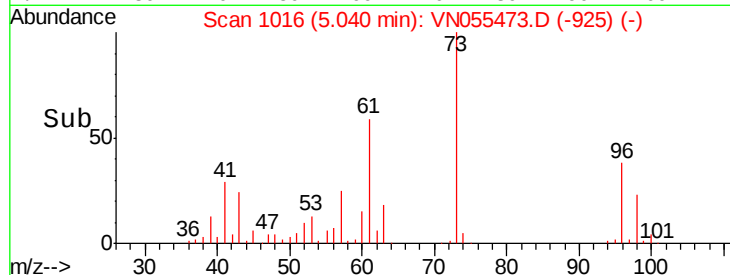
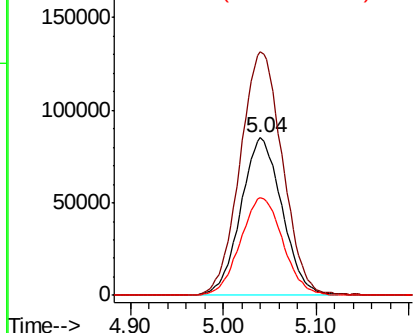
#21  
trans-1,2-Dichloroethene  
Concen: 46.857 ug/l  
RT: 5.04 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion: 96 Resp: 263069  
Ion Ratio Lower Upper  
96 100  
61 154.5 126.2 189.4  
98 62.0 52.2 78.2

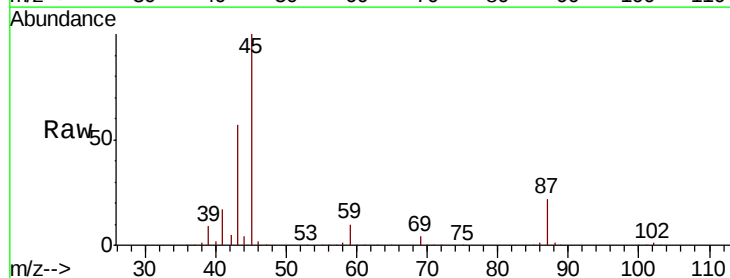


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

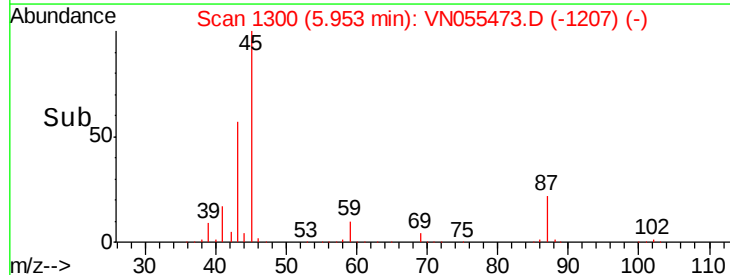
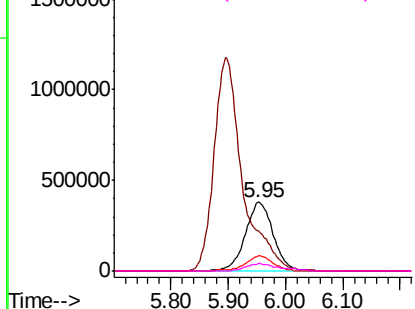


#22  
Diisopropyl ether  
Concen: 58.713 ug/l  
RT: 5.95 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 45 Resp: 1280797  
Ion Ratio Lower Upper  
45 100  
43 56.8 46.6 70.0  
87 21.5 18.1 27.1  
59 10.2 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 283.788 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

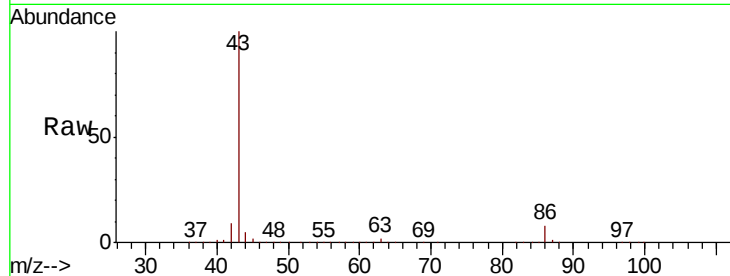
P026-SS002-1218-01MS

Tot Ion: 43 Resp: 4057369

Ion Ratio Lower Upper

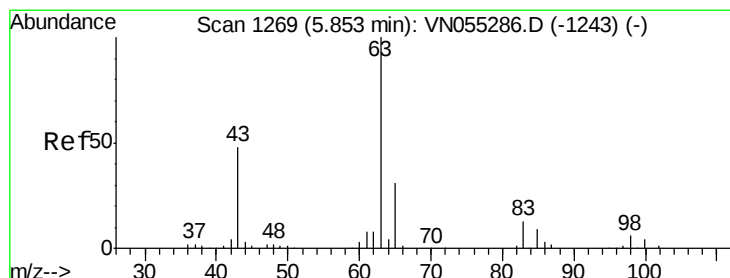
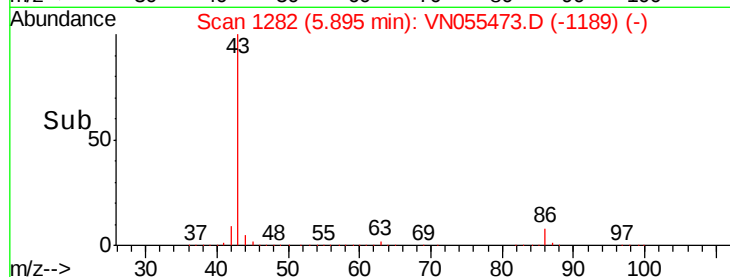
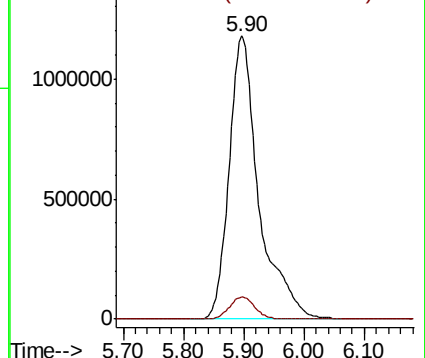
43 100

86 7.8 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.999 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

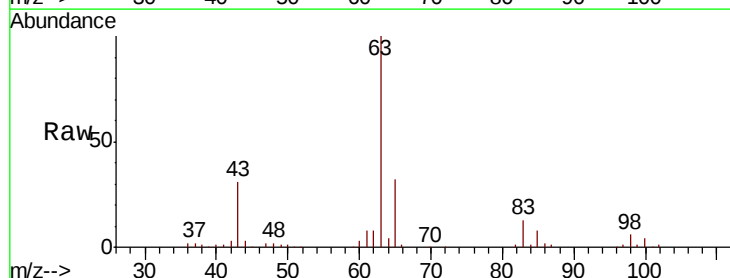
Tgt Ion: 63 Resp: 604387

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.0

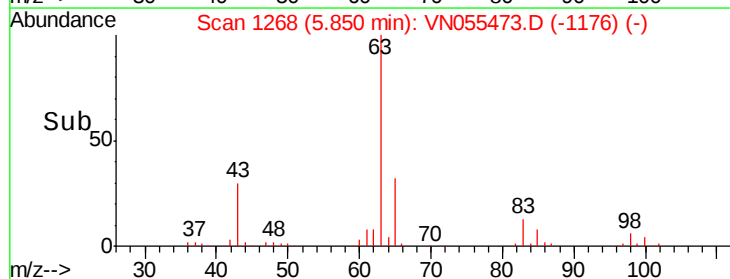
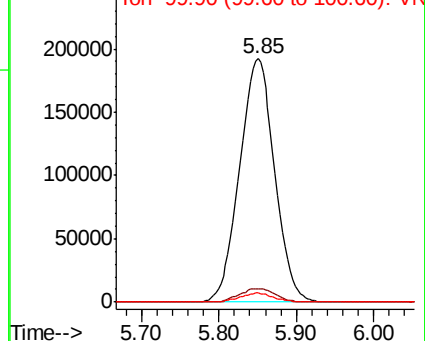
100 3.7 1.8 5.4

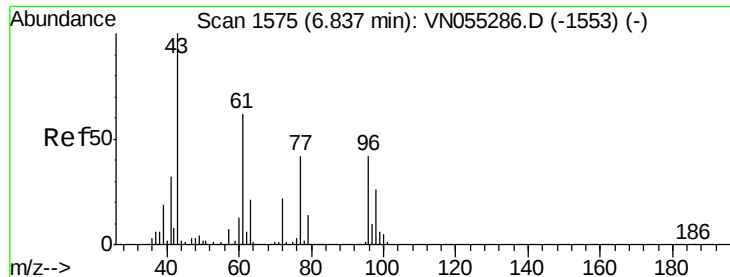


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

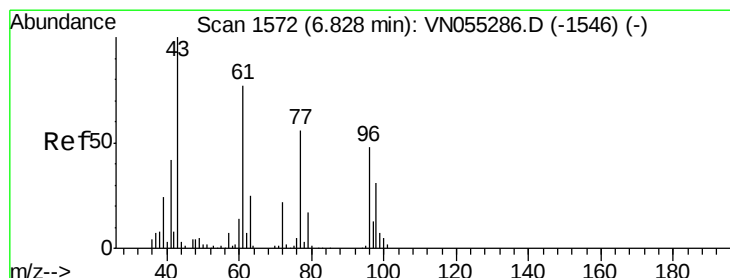
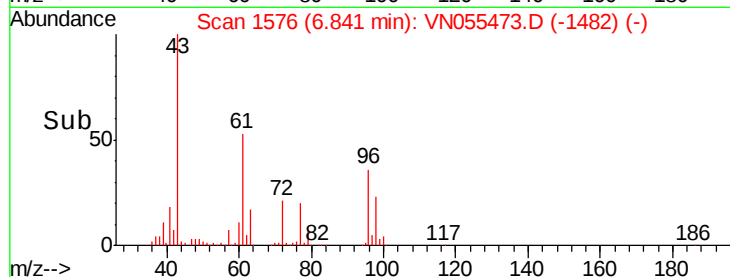
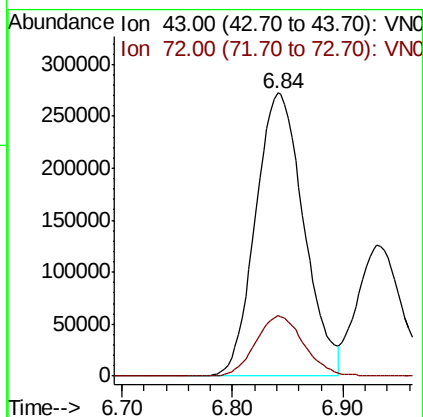
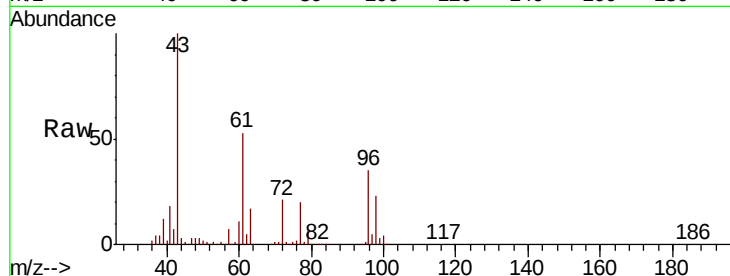




#25  
2-Butanone  
Concen: 294.031 ug/l  
RT: 6.84 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

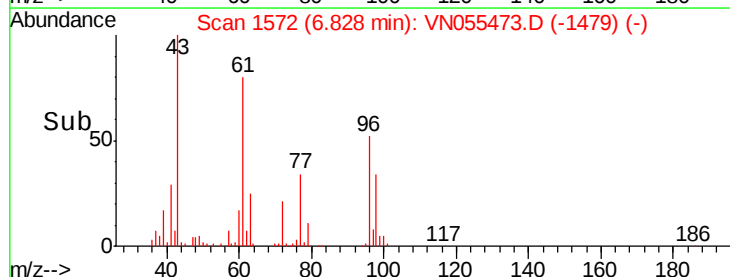
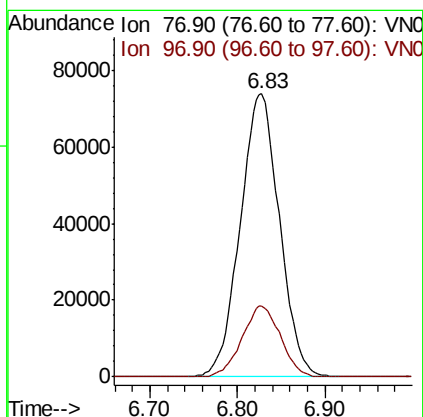
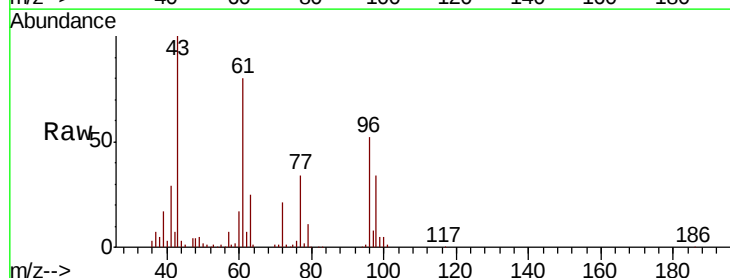
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

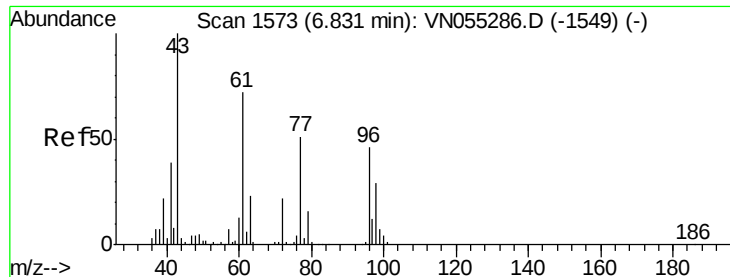
Tot Ion: 43 Resp: 822556  
Ion Ratio Lower Upper  
43 100  
72 21.3 18.0 27.0



#26  
2,2-Dichloropropane  
Concen: 28.576 ug/l  
RT: 6.83 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 77 Resp: 229357  
Ion Ratio Lower Upper  
77 100  
97 24.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.384 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

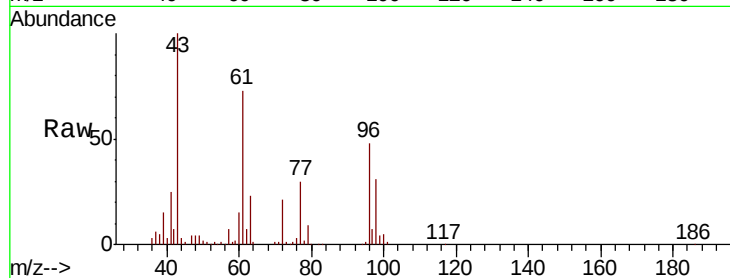
Tot Ion: 96 Resp: 328061

Ion Ratio Lower Upper

96 100

61 154.7 0.0 316.2

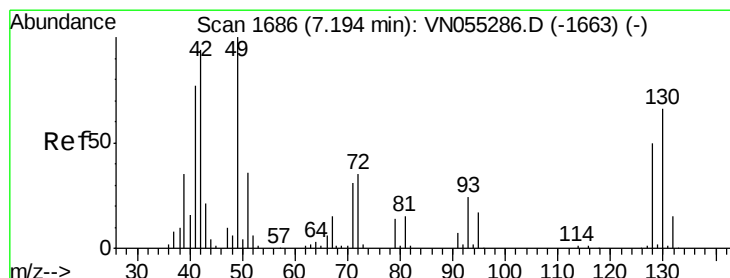
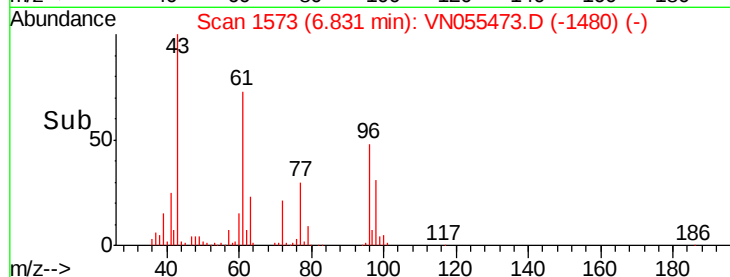
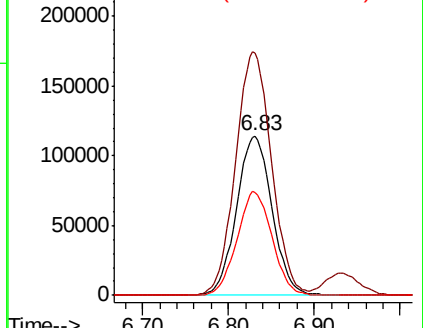
98 64.3 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 46.162 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

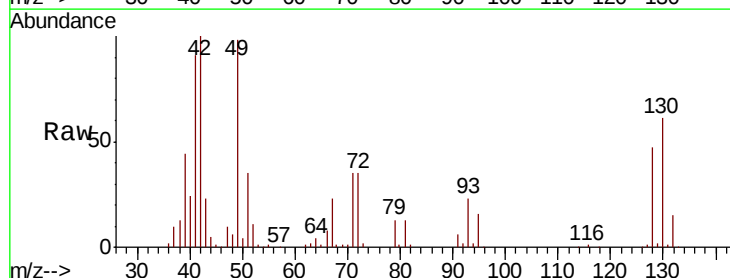
Tgt Ion: 49 Resp: 270454

Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.4

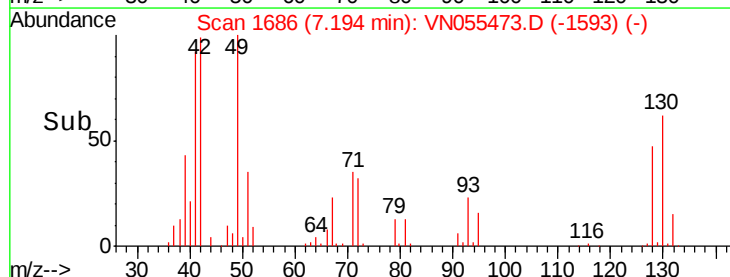
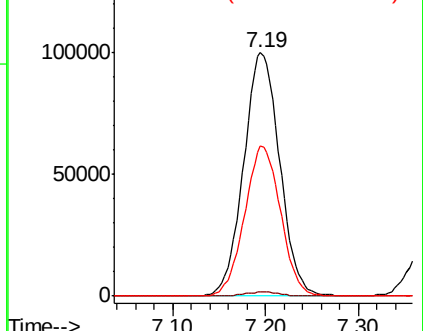
130 61.4 52.0 78.0

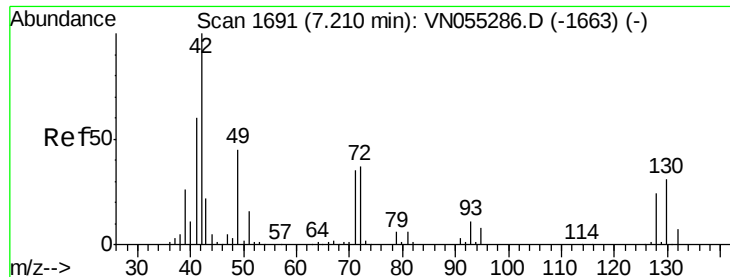


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

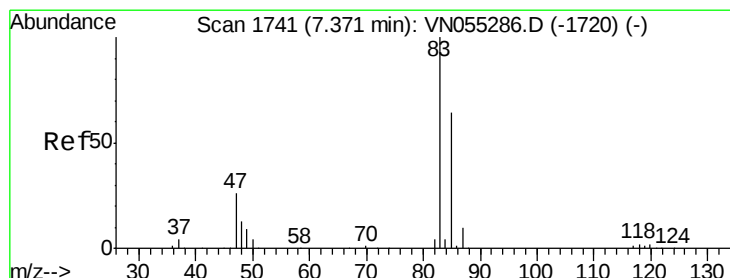
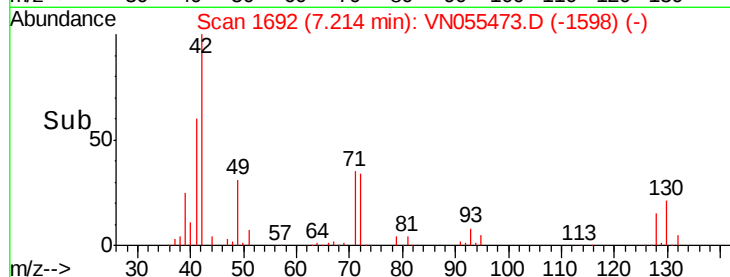
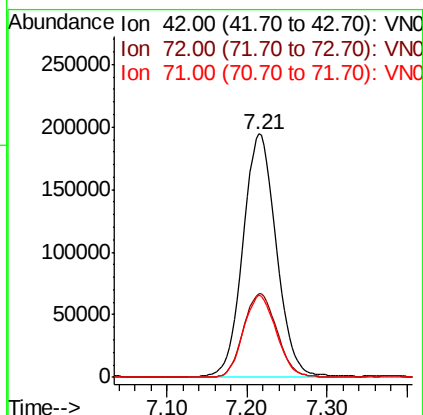
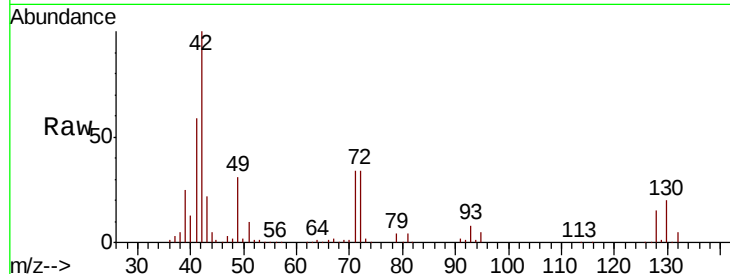




#29  
Tetrahydrofuran  
Concen: 306.419 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

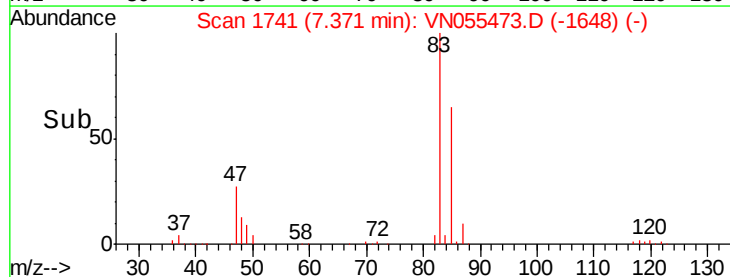
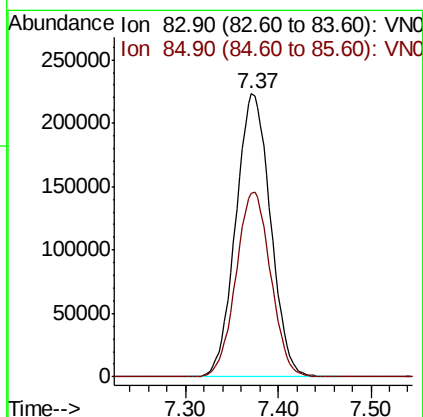
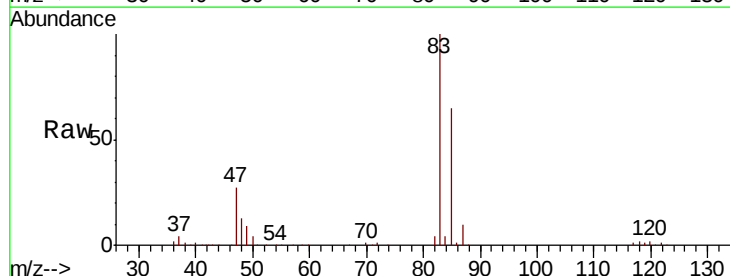
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

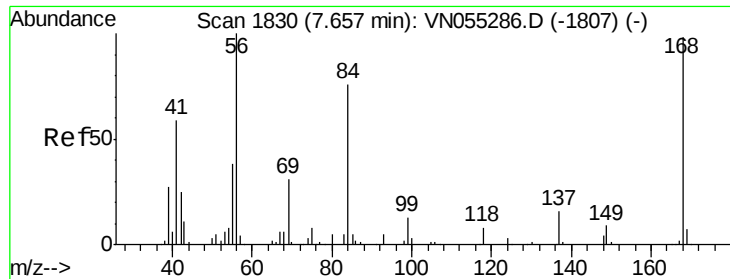
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 34.9  | 29.0  | 43.6  |
| 71      | 33.5  | 27.1  | 40.7  |



#30  
Chloroform  
Concen: 52.695 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.8  | 51.4  | 77.2  |

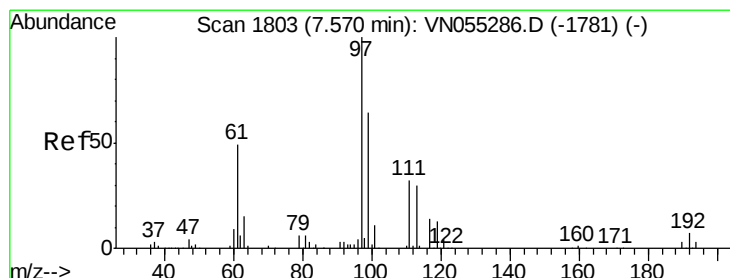
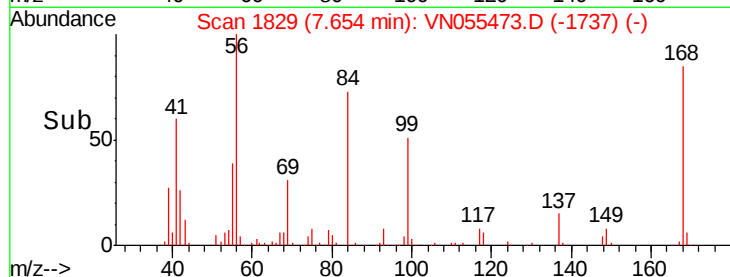
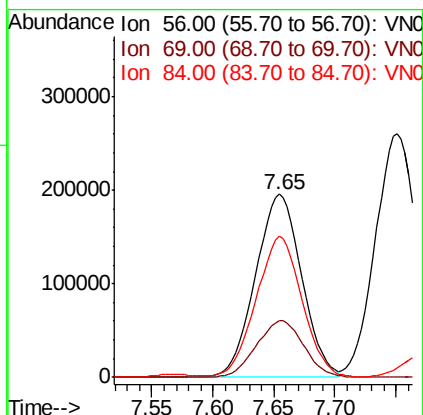
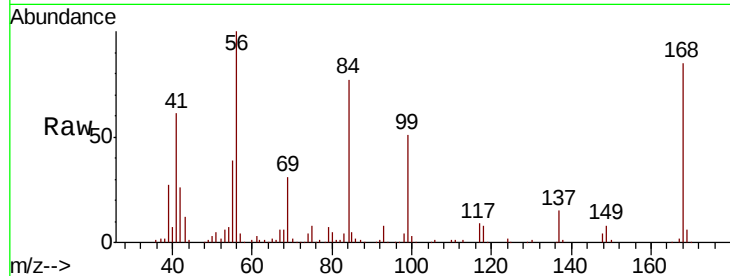




#31  
Cyclohexane  
Concen: 46.543 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. -0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

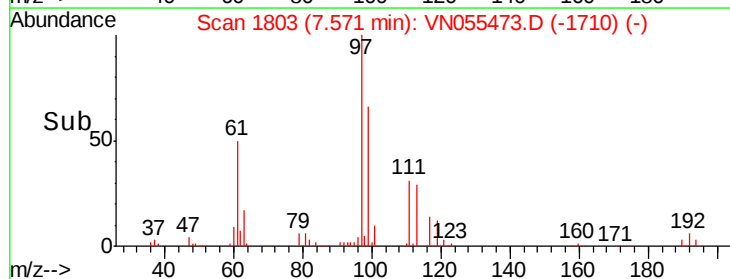
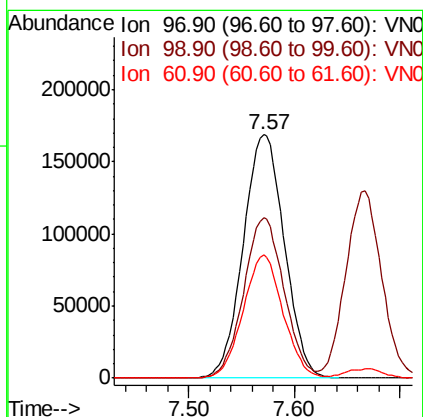
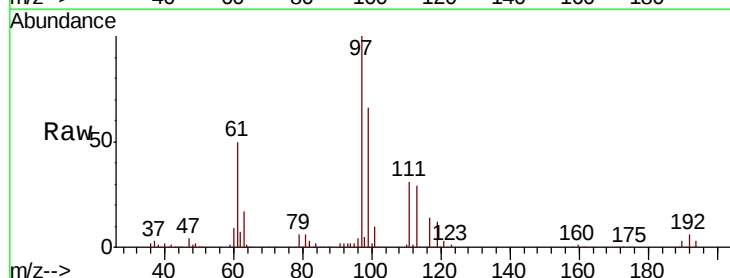
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion: 56 Resp: 513970  
Ion Ratio Lower Upper  
56 100  
69 31.0 25.2 37.8  
84 75.7 61.1 91.7



#32  
1,1,1-Trichloroethane  
Concen: 51.273 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 97 Resp: 458492  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.8 77.8  
61 49.1 39.0 58.6

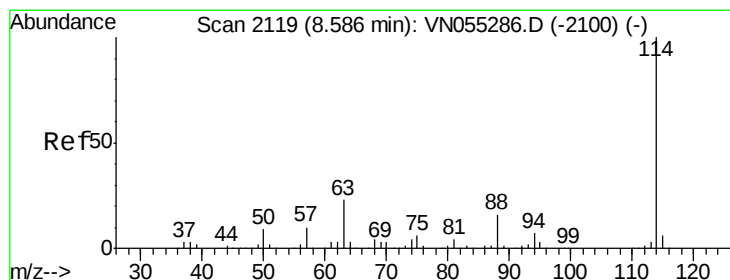
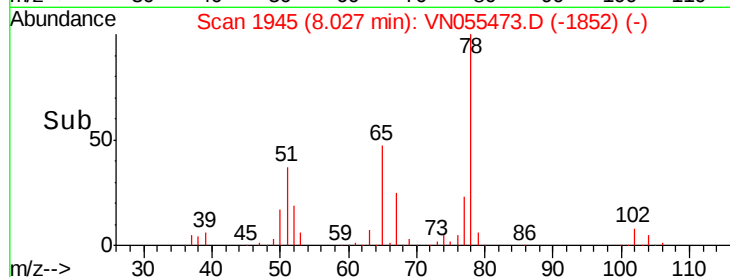
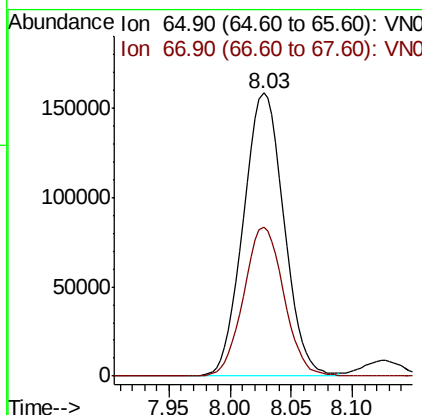
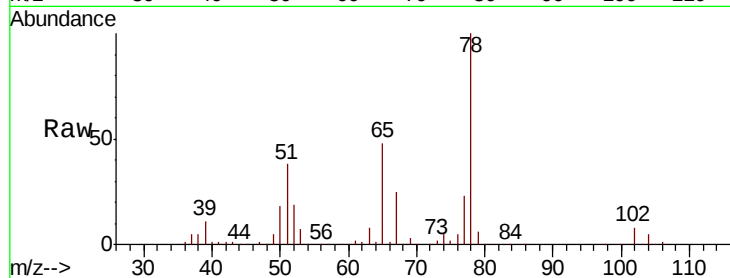




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.970 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

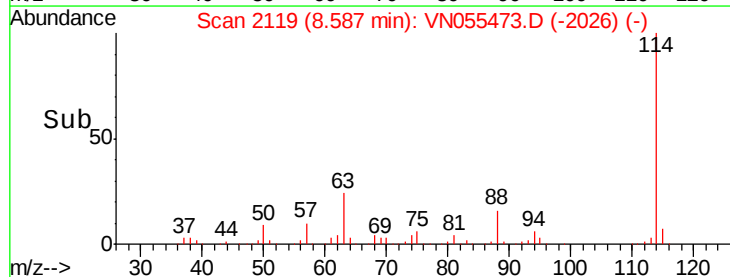
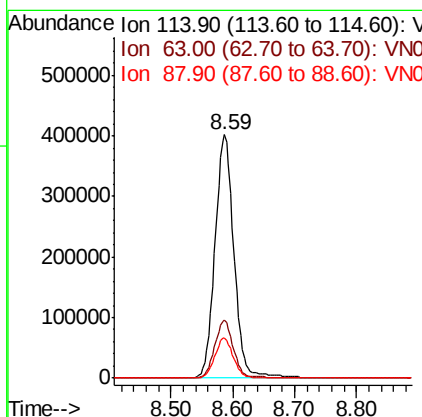
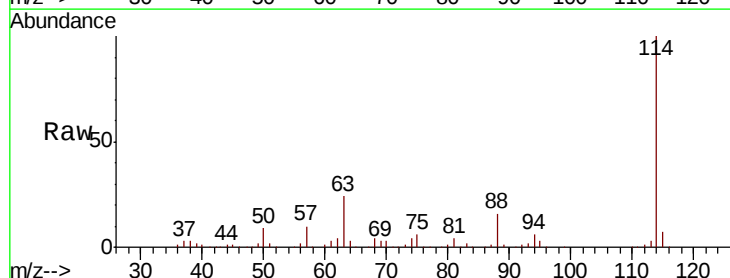
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

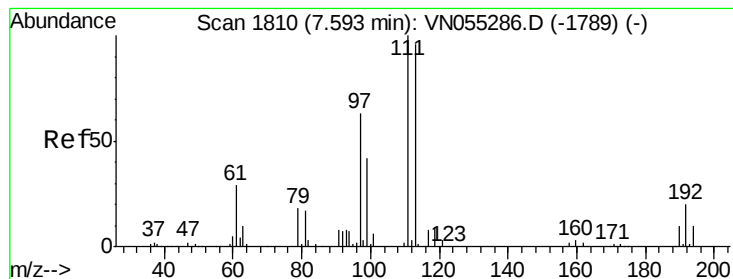
Tot Ion: 65 Resp: 364857  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

Tgt Ion: 114 Resp: 857608  
 Ion Ratio Lower Upper  
 114 100  
 63 23.6 0.0 45.2  
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.447 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

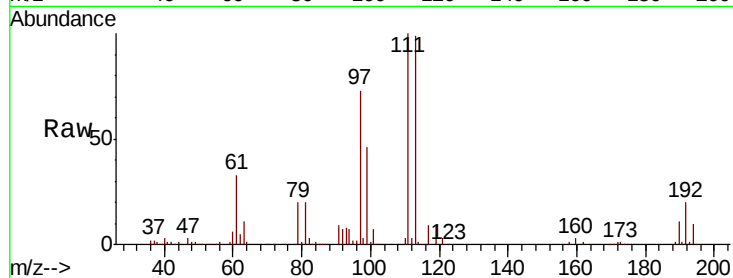
Tot Ion:113 Resp: 278338

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

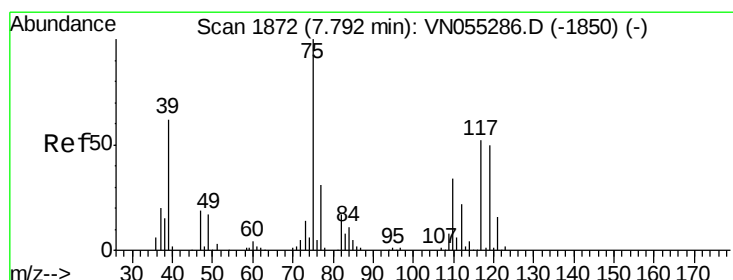
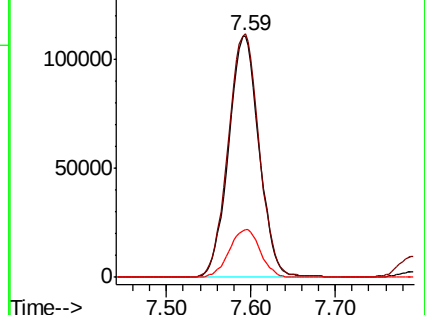
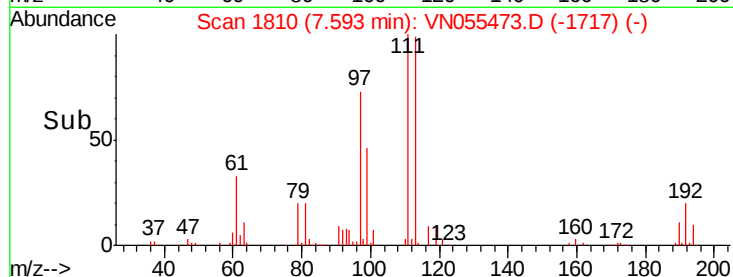
192 20.2 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.723 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

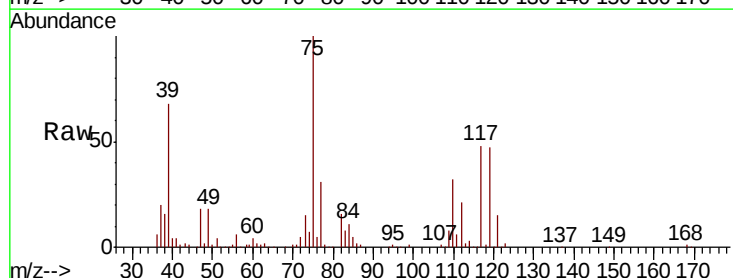
Tgt Ion: 75 Resp: 408452

Ion Ratio Lower Upper

75 100

110 32.7 16.8 50.4

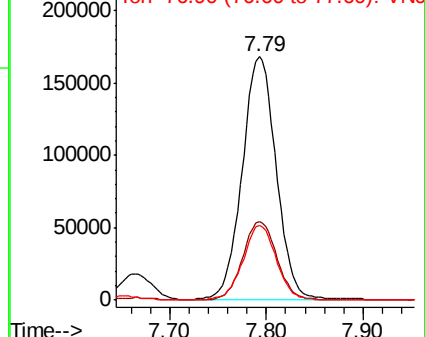
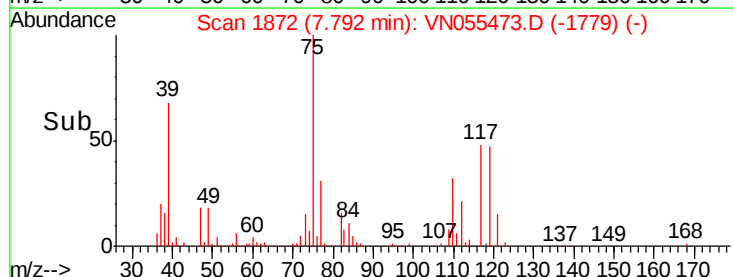
77 30.6 25.0 37.6

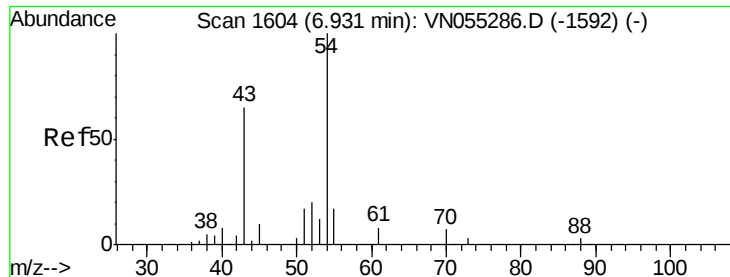


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

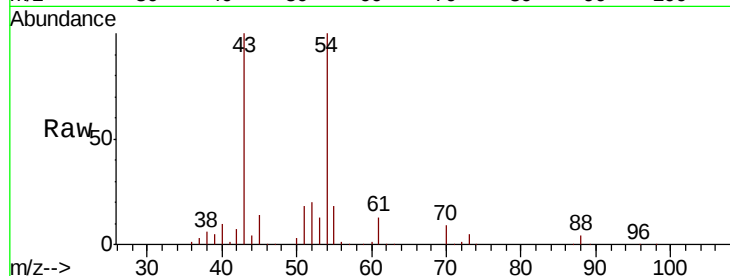




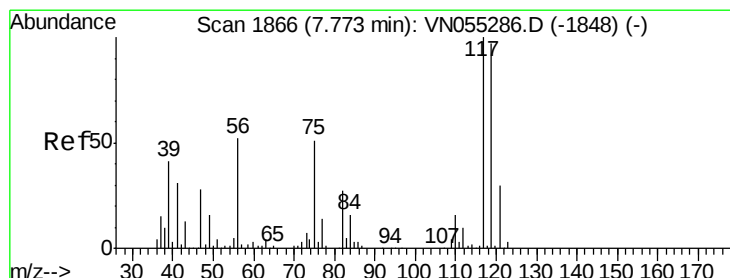
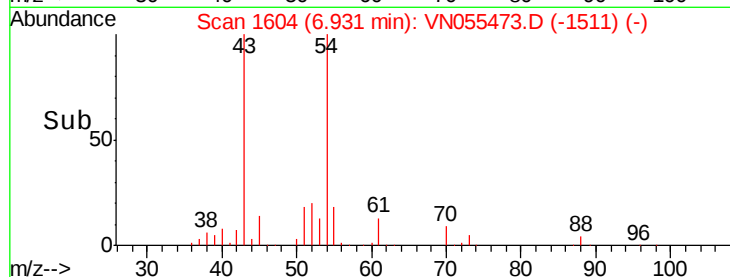
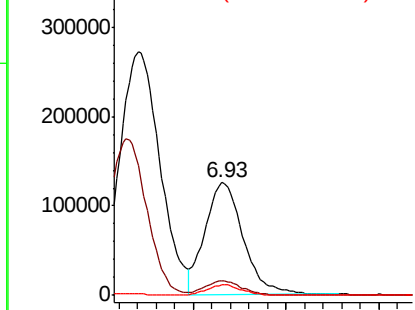
#37  
Ethyl Acetate  
Concen: 57.084 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion: 43 Resp: 359390  
Ion Ratio Lower Upper  
43 100  
61 12.7 10.4 15.6  
70 8.7 6.6 10.0

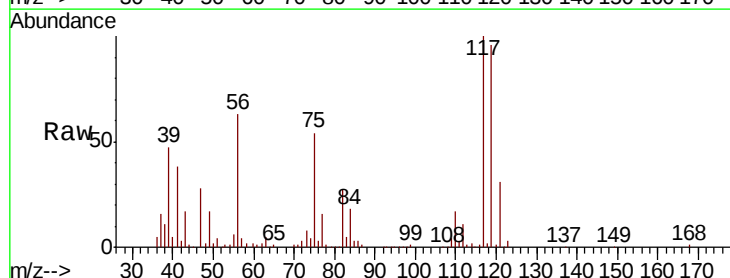


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

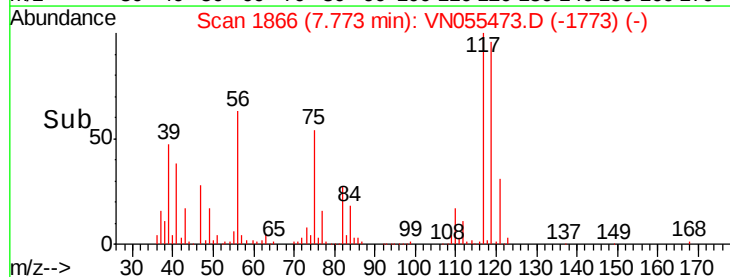
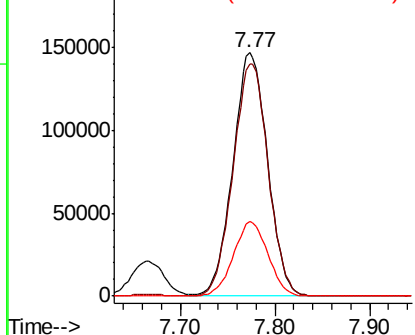


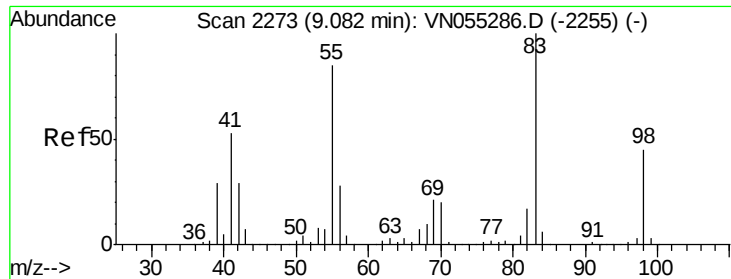
#38  
Carbon Tetrachloride  
Concen: 47.258 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 117 Resp: 374474  
Ion Ratio Lower Upper  
117 100  
119 95.5 77.0 115.6  
121 30.7 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

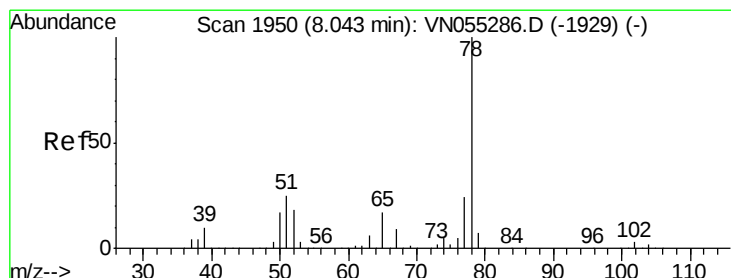
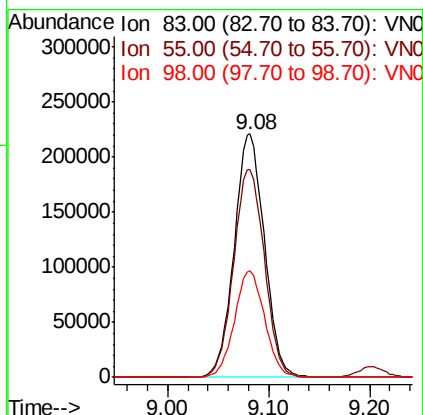
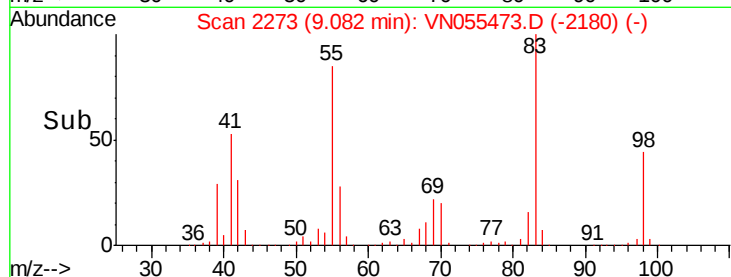
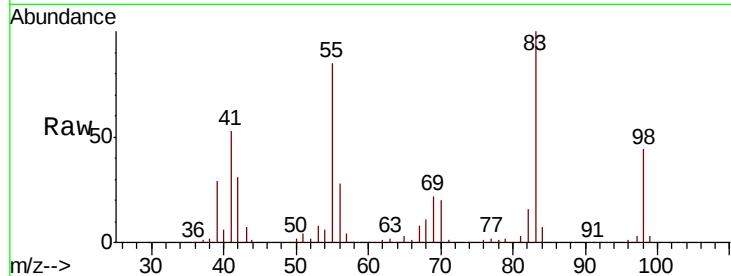




#39  
Methvlcvclohexane  
Concen: 52.700 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

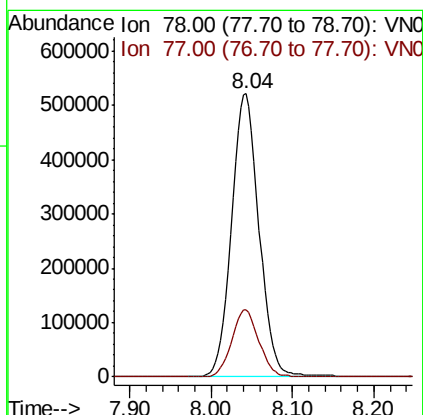
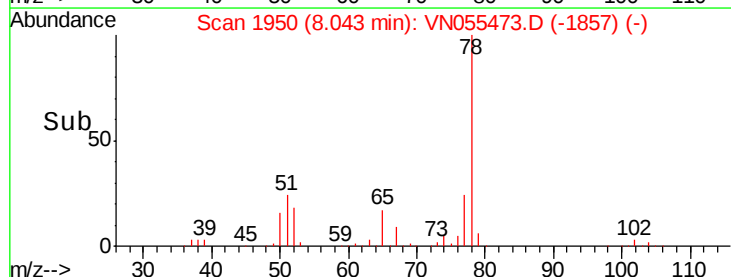
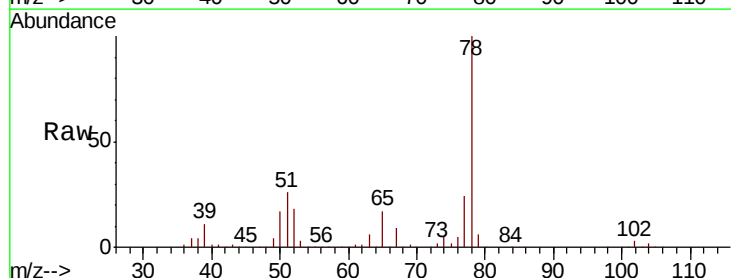
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

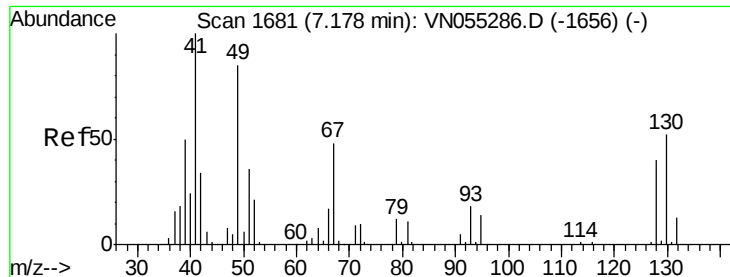
Tot Ion: 83 Resp: 460274  
Ion Ratio Lower Upper  
83 100  
55 85.2 67.8 101.6  
98 43.7 36.2 54.4



#40  
Benzene  
Concen: 50.644 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 78 Resp: 1226398  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.0 28.6

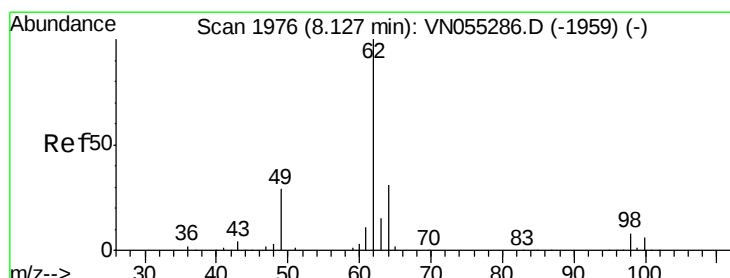
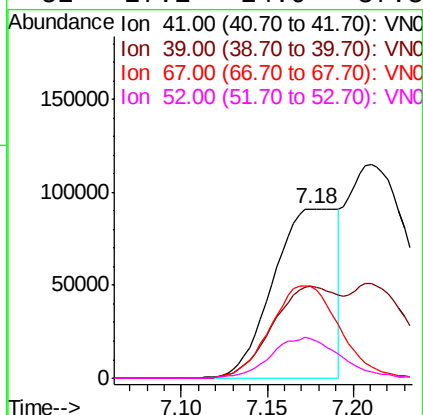
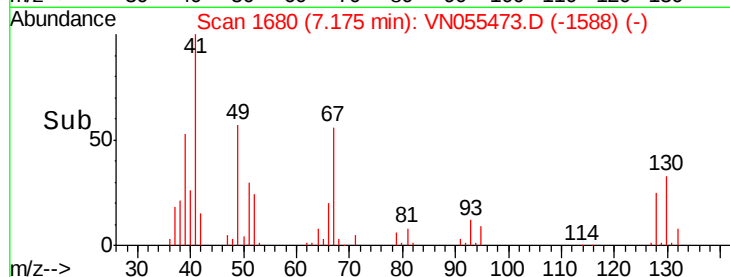
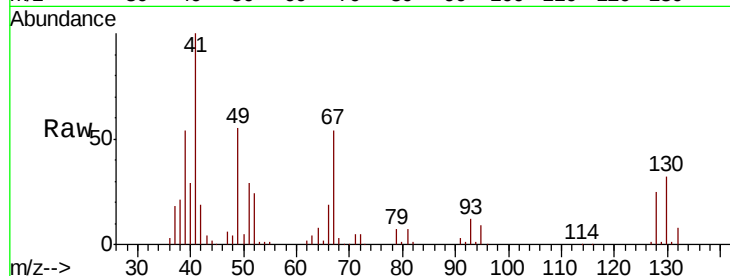




#41  
Methacrylonitrile  
Concen: 67.843 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. -0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

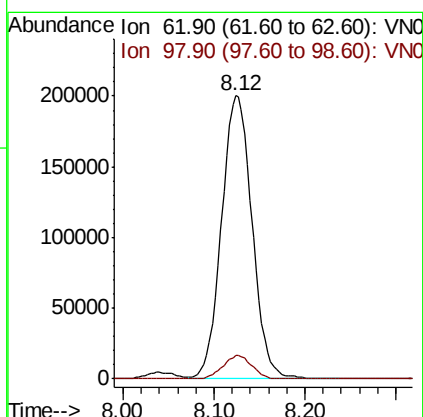
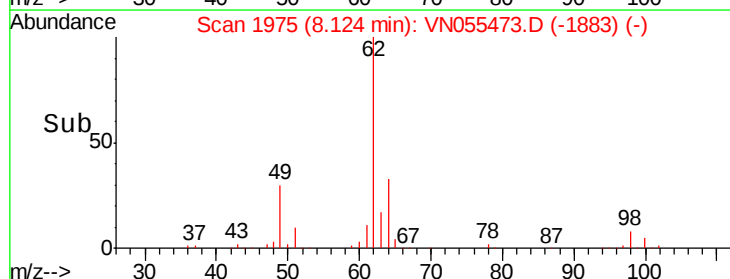
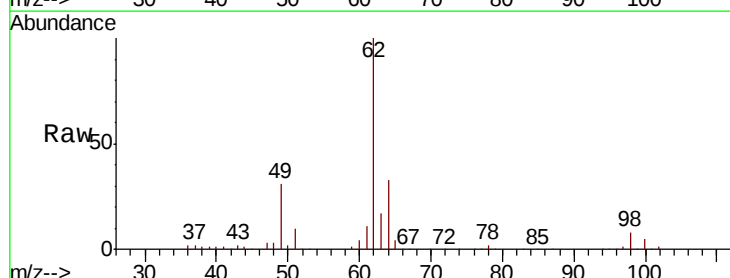
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

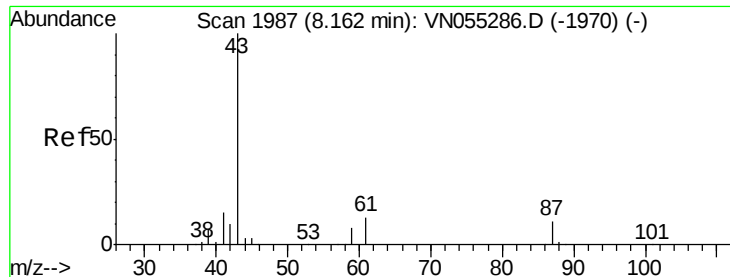
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 232080 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 57.5  | 48.5  | 72.7   |
| 67       | 60.0  | 54.9  | 82.3   |
| 52       | 27.1  | 24.9  | 37.3   |



#42  
1,2-Dichloroethane  
Concen: 54.199 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 464859 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.0   | 0.0   | 16.4   |





#43

Isopropyl Acetate

Concen: 62.617 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

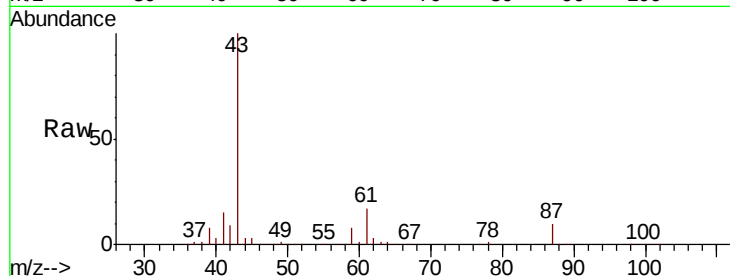
Tot Ion: 43 Resp: 633538

Ion Ratio Lower Upper

43 100

61 17.6 20.8 31.2#

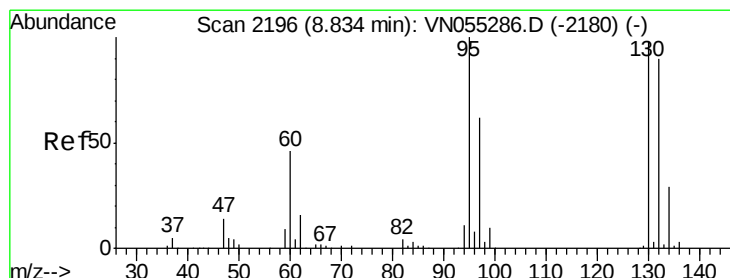
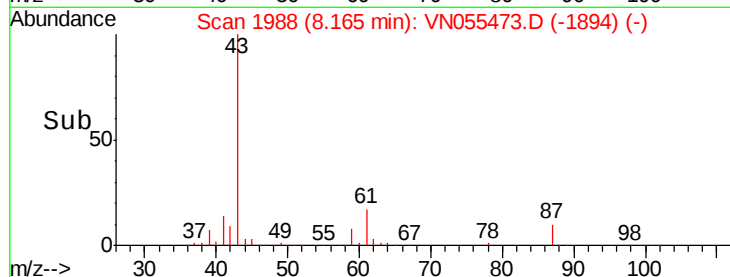
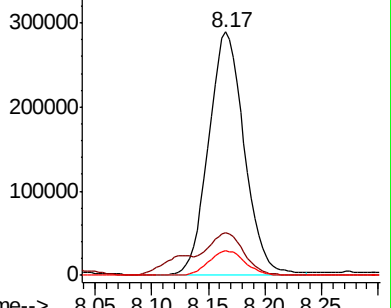
87 10.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055473.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN055473.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN055473.D (-2103) (-)



#44

Trichloroethene

Concen: 50.118 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055473.D

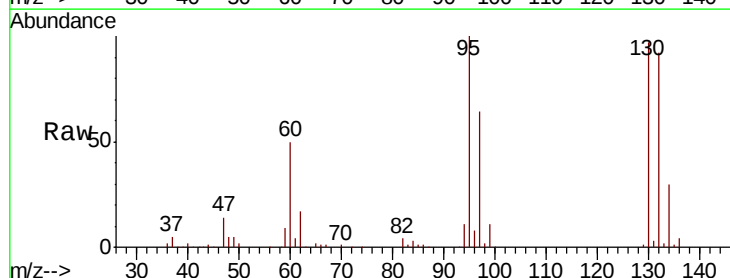
Acq: 8 May 2019 7:01

Tgt Ion:130 Resp: 309393

Ion Ratio Lower Upper

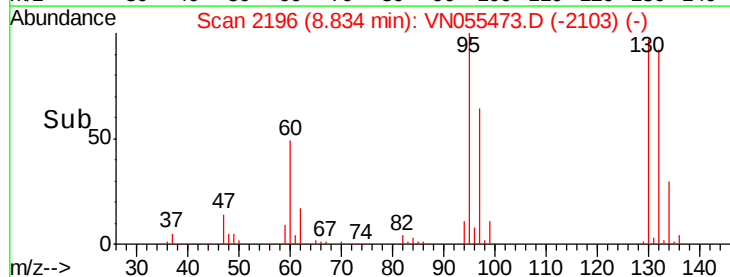
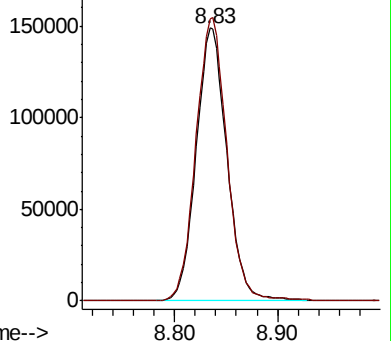
130 100

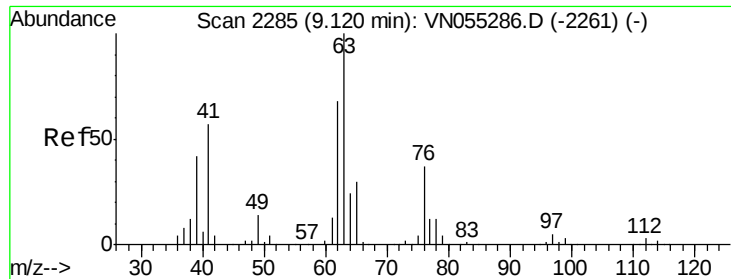
95 103.3 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055473.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055473.D (-2103) (-)

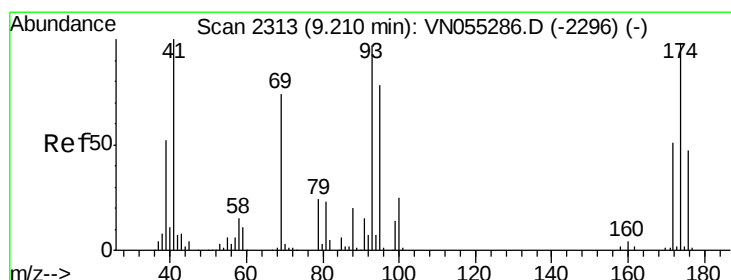
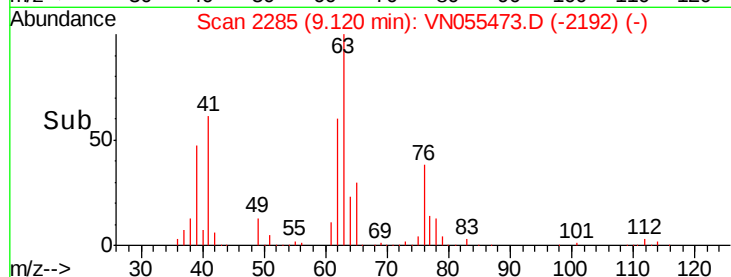
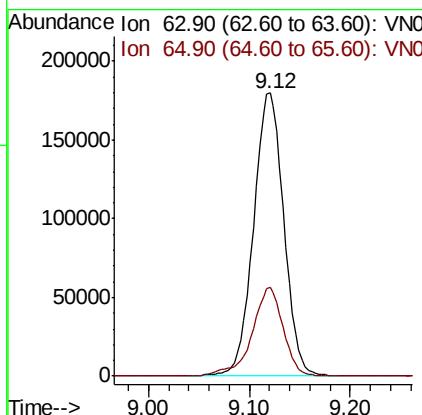
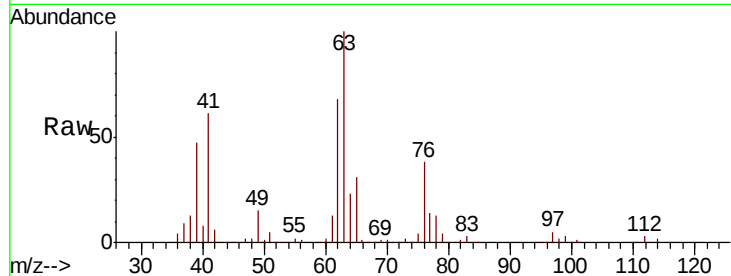




#45  
 1,2-Dichloropropane  
 Concen: 53.467 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

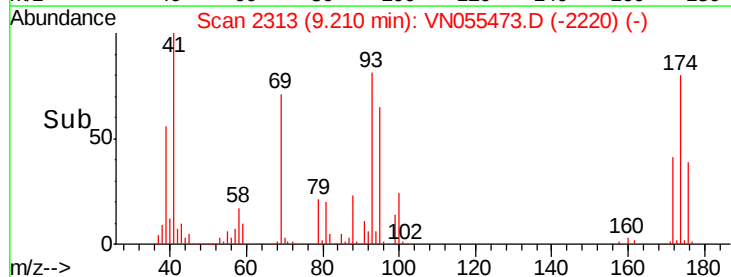
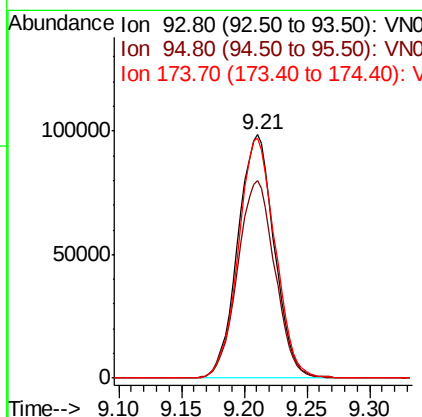
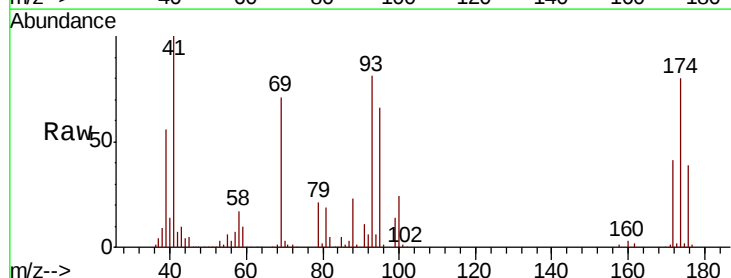
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

Tot Ion: 63 Resp: 373430  
 Ion Ratio Lower Upper  
 63 100  
 65 31.3 23.9 35.9



#46  
 Dibromomethane  
 Concen: 52.235 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

Tgt Ion: 93 Resp: 199415  
 Ion Ratio Lower Upper  
 93 100  
 95 82.8 65.7 98.5  
 174 99.1 81.5 122.3





#47

Bromodichloromethane

Concen: 53.498 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

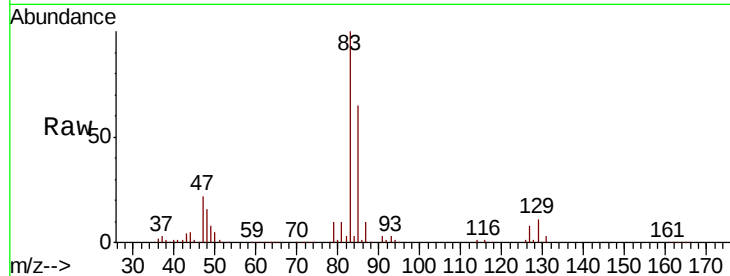
Tot Ion: 83 Resp: 438152

Ion Ratio Lower Upper

83 100

85 64.6 50.1 75.1

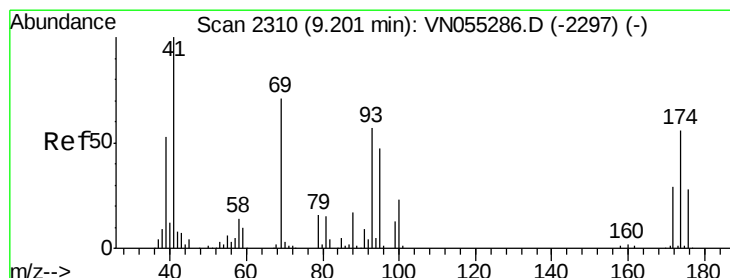
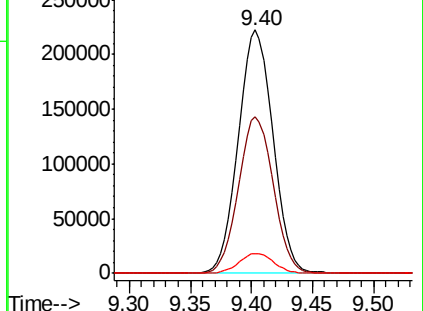
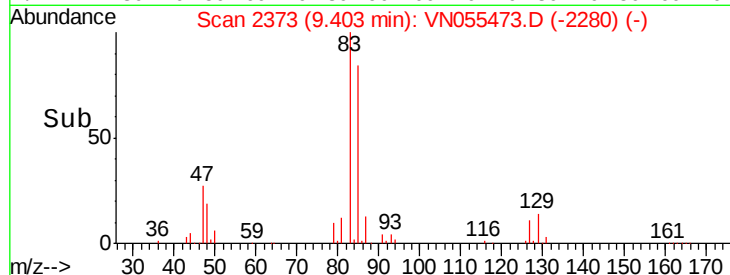
127 8.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055473.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055473.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055473.D (-2280) (-)



#48

Methyl methacrylate

Concen: 61.386 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

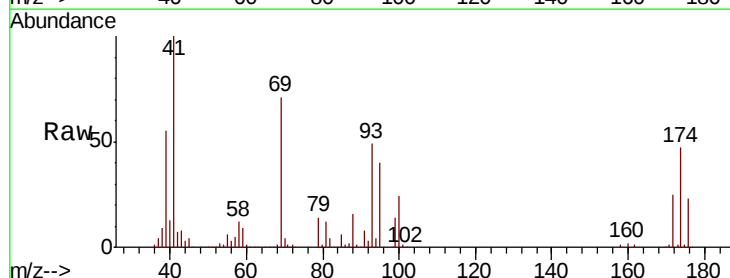
Tgt Ion: 41 Resp: 305326

Ion Ratio Lower Upper

41 100

69 73.0 58.6 87.8

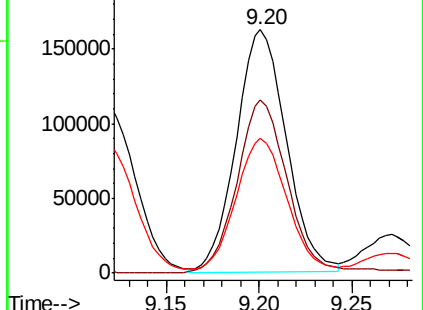
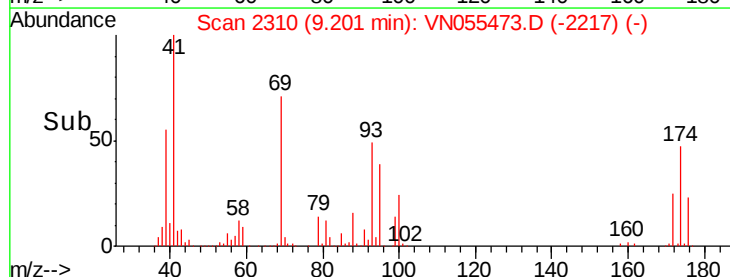
39 56.5 43.8 65.6

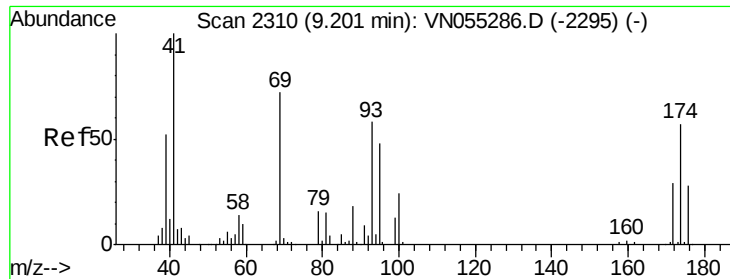


Abundance Ion 41.00 (40.70 to 41.70): VN055473.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055473.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055473.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1253.701 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

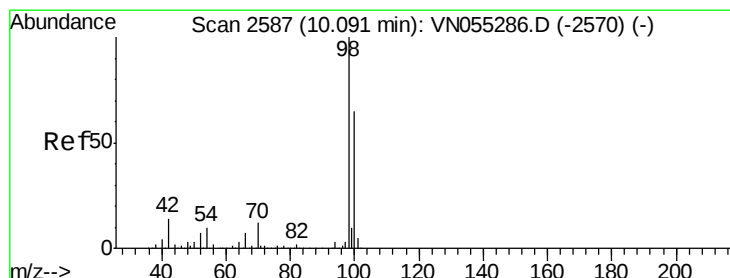
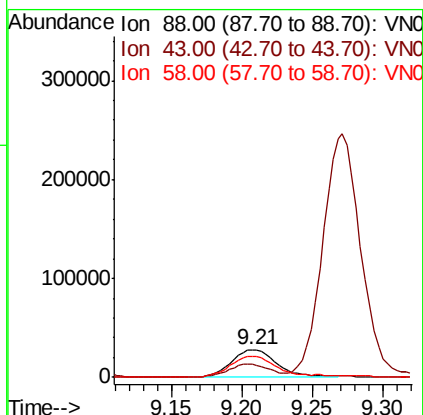
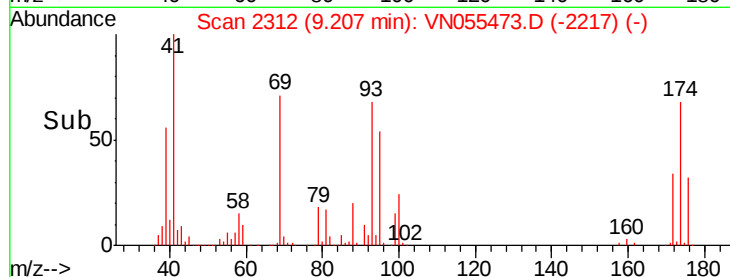
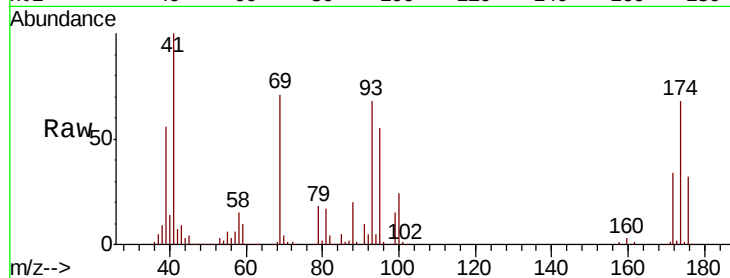
Tot Ion: 88 Resp: 64461

Ion Ratio Lower Upper

88 100

43 41.2 33.3 49.9

58 74.5 62.7 94.1



#50

Toluene-d8

Concen: 49.249 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055473.D

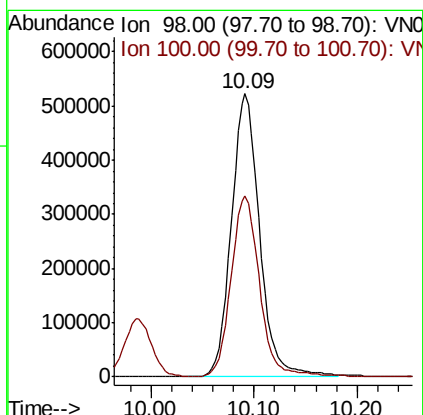
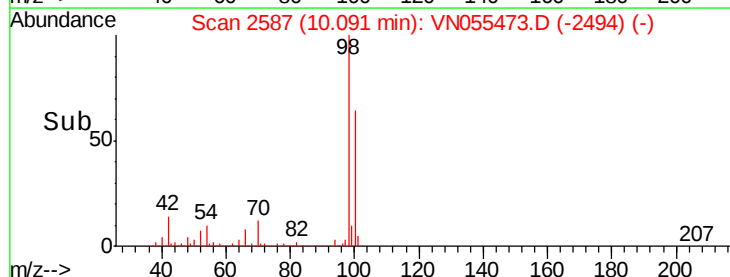
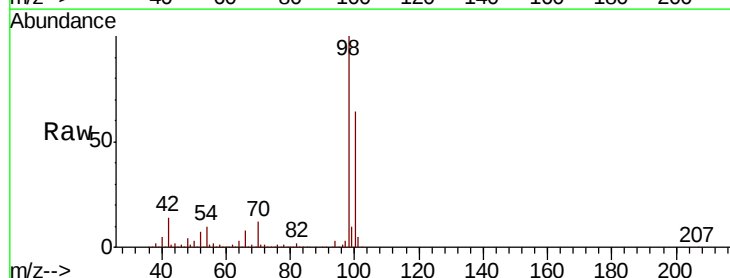
Acq: 8 May 2019 7:01

Tgt Ion: 98 Resp: 1001032

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 311.411 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

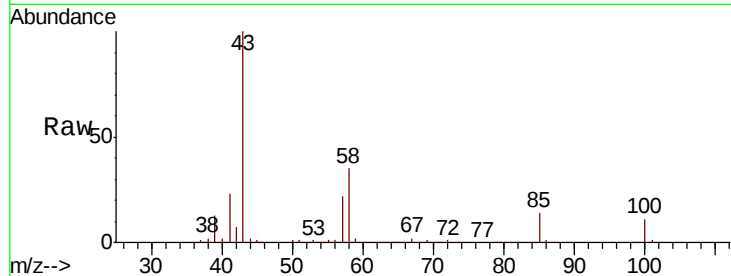
P026-SS002-1218-01MS

Tot Ion: 43 Resp: 1773922

Ion Ratio Lower Upper

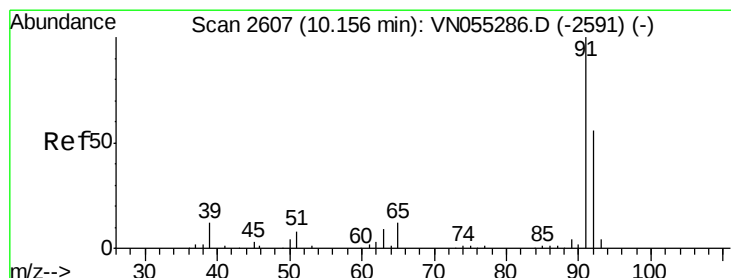
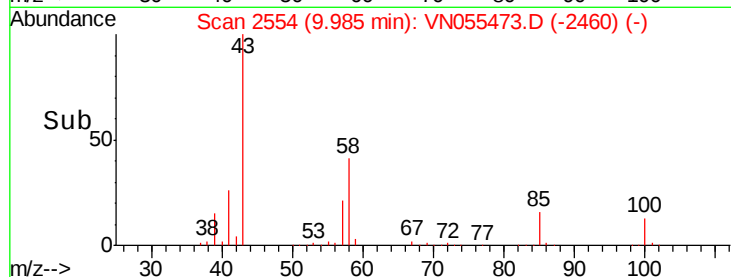
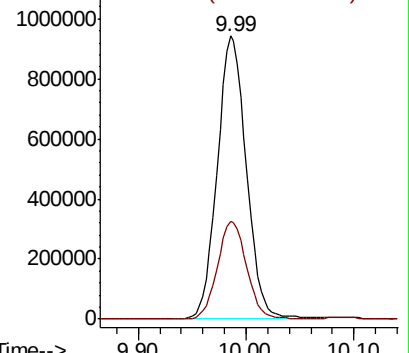
43 100

58 34.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.495 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055473.D

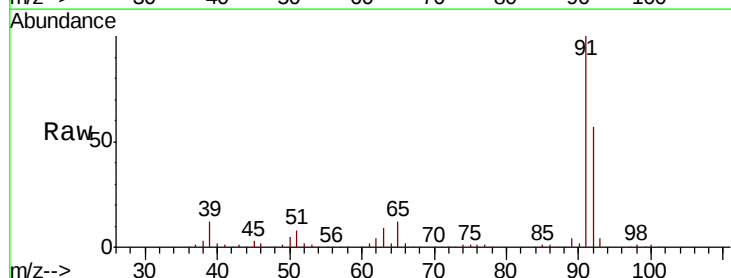
Acq: 8 May 2019 7:01

Tgt Ion: 92 Resp: 729388

Ion Ratio Lower Upper

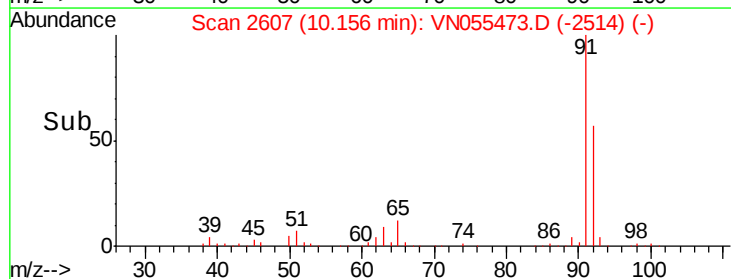
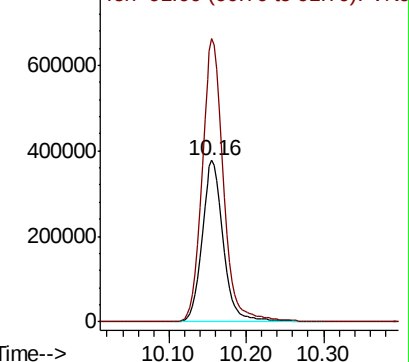
92 100

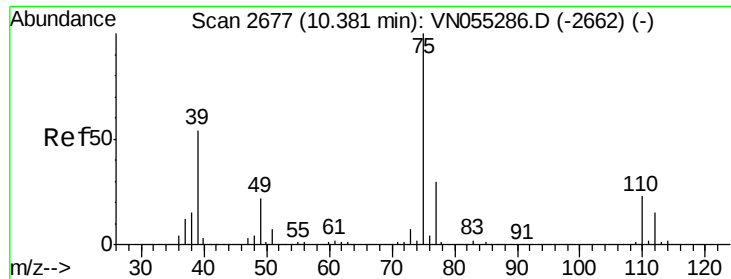
91 176.2 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 53.271 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

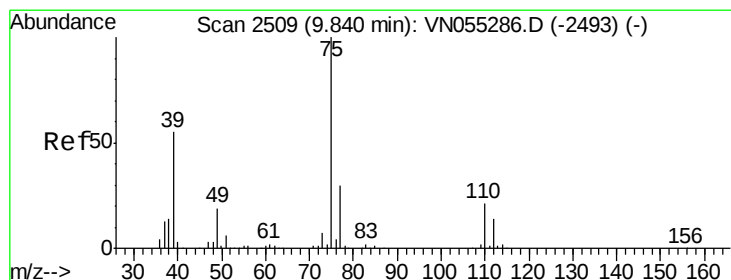
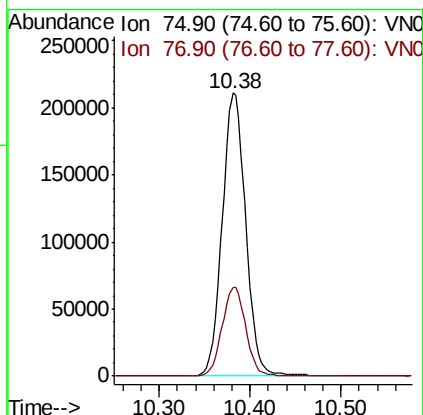
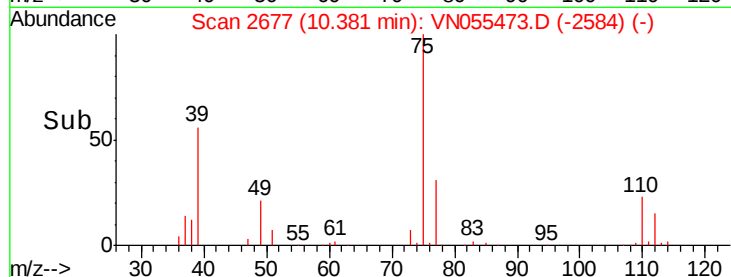
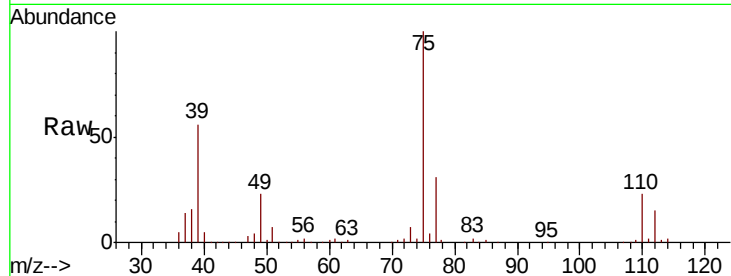
P026-SS002-1218-01MS

Tot Ion: 75 Resp: 378746

Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 52.130 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

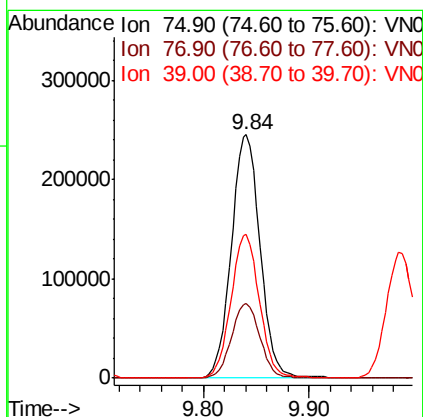
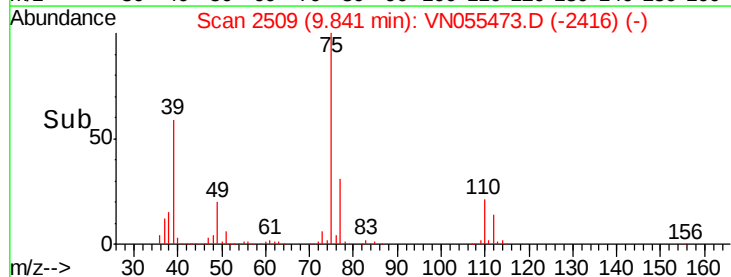
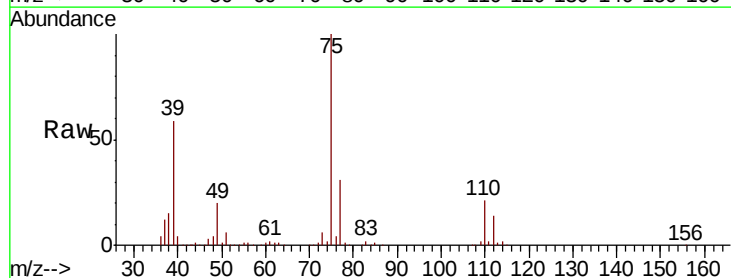
Tgt Ion: 75 Resp: 462110

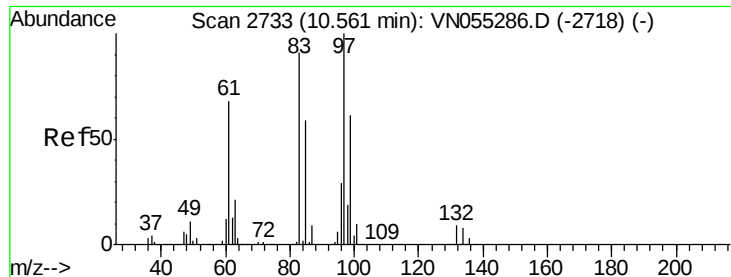
Ion Ratio Lower Upper

75 100

77 30.6 24.2 36.2

39 58.7 44.2 66.2

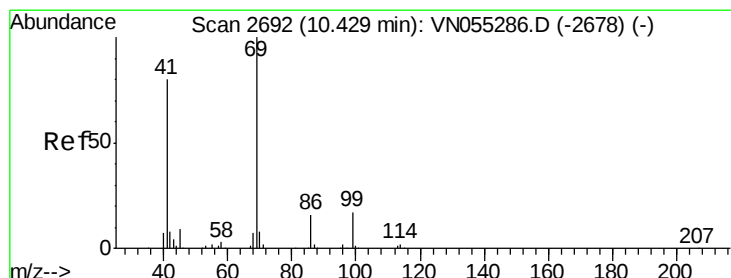
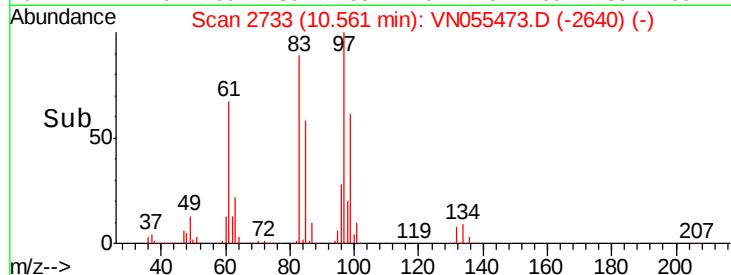
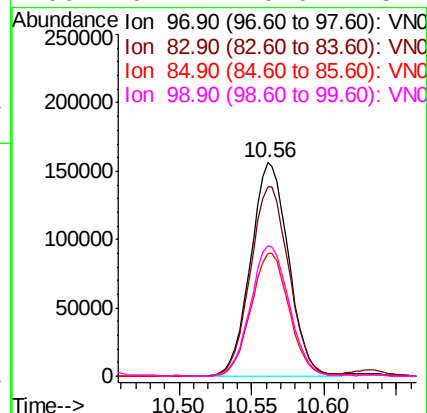
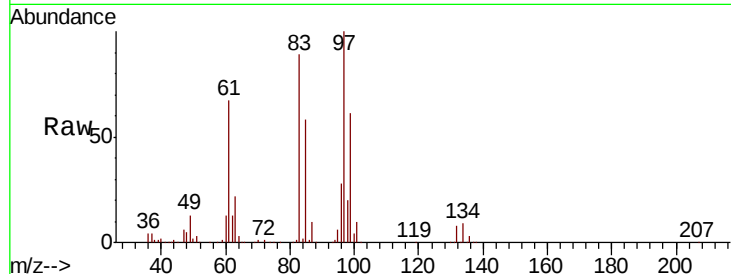




#55  
 1,1,2-Trichloroethane  
 Concen: 55.028 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

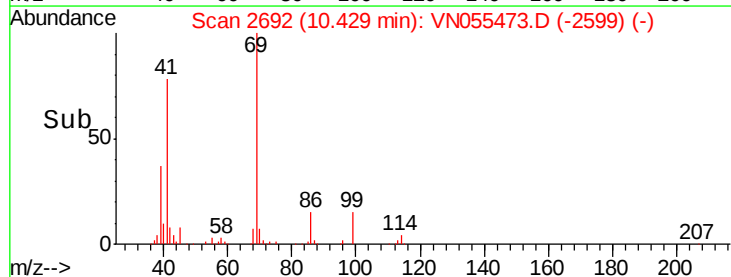
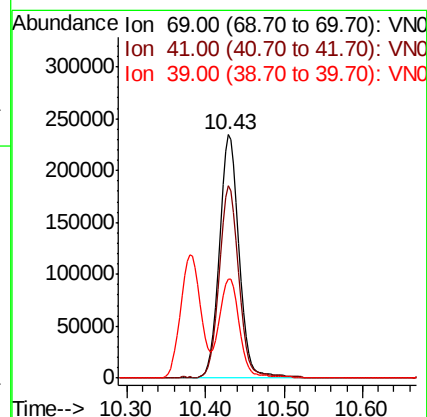
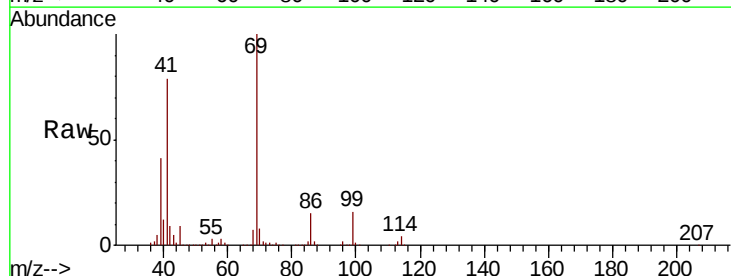
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

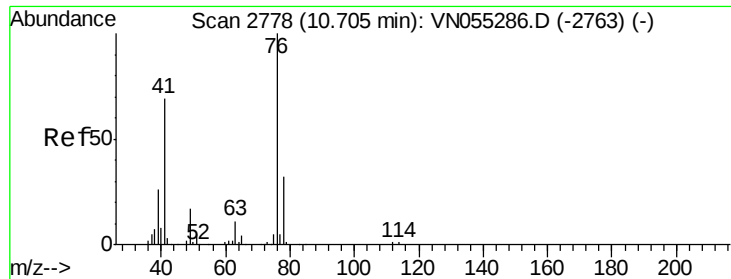
| Tot Ion | 97    | Resp  | 283918 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 83      | 88.9  | 72.8  | 109.2  |
| 85      | 57.7  | 47.0  | 70.6   |
| 99      | 61.1  | 49.0  | 73.4   |



#56  
 Ethyl methacrylate  
 Concen: 63.343 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

| Tgt Ion | 69    | Resp  | 402270 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 79.0  | 62.7  | 94.1   |
| 39      | 42.1  | 32.0  | 48.0   |





#57

1,3-Dichloropropane

Concen: 56.450 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

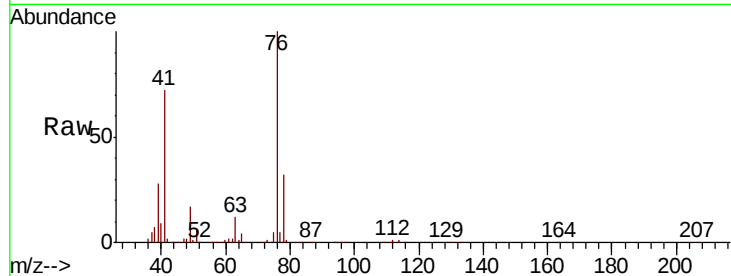
P026-SS002-1218-01MS

Tot Ion: 76 Resp: 510947

Ion Ratio Lower Upper

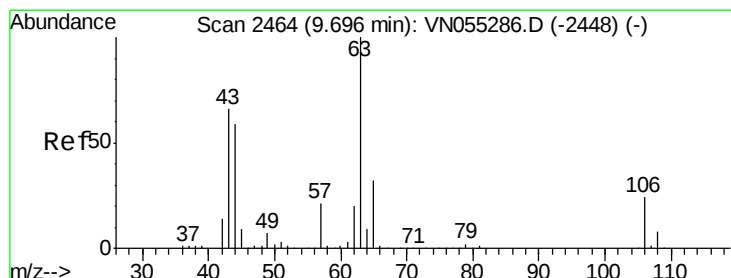
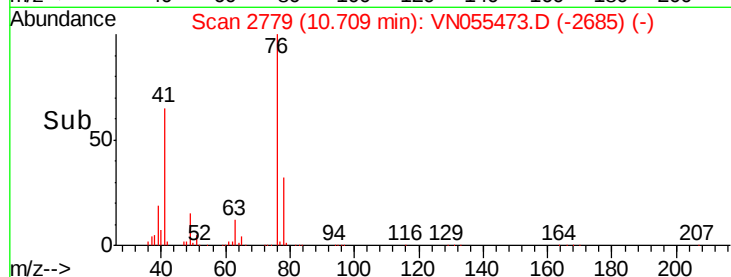
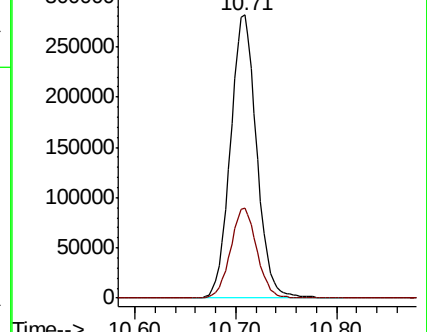
76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 300.392 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055473.D

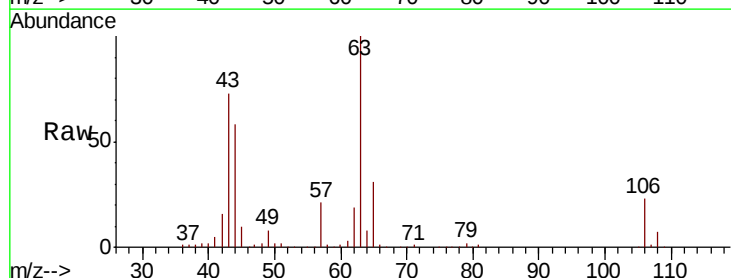
Acq: 8 May 2019 7:01

Tgt Ion: 63 Resp: 597229

Ion Ratio Lower Upper

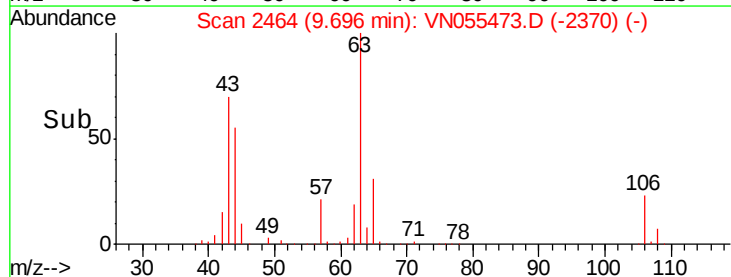
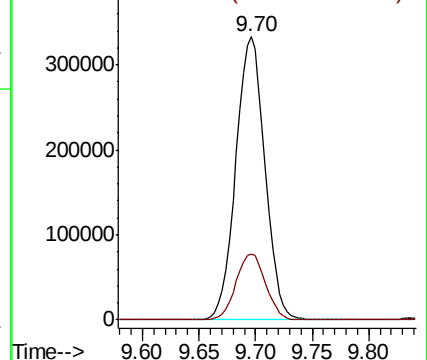
63 100

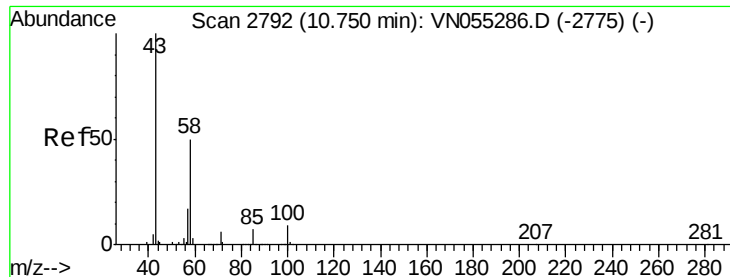
106 23.6 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

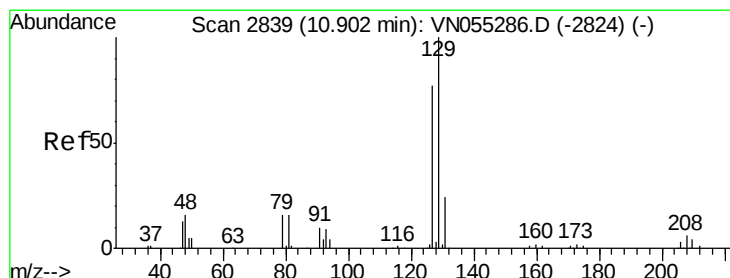
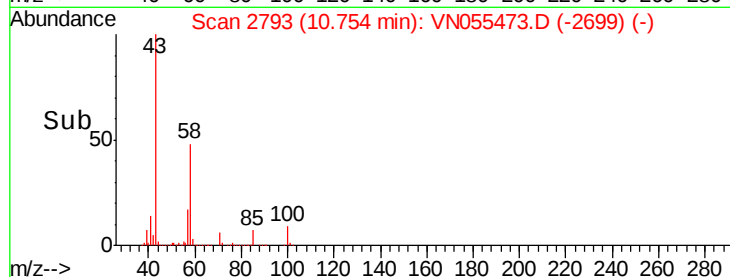
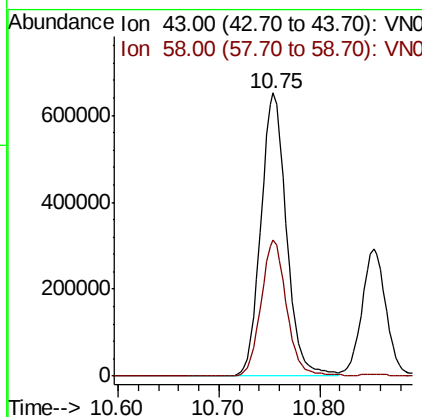
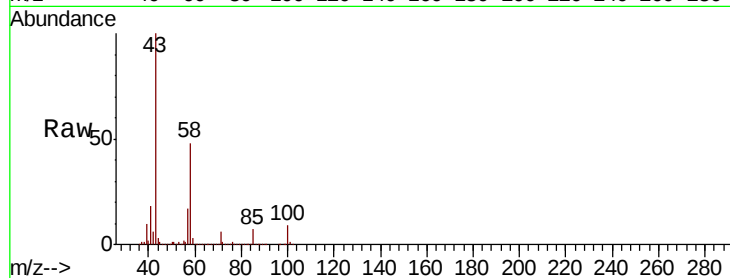




#59  
2-Hexanone  
Concen: 321.115 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

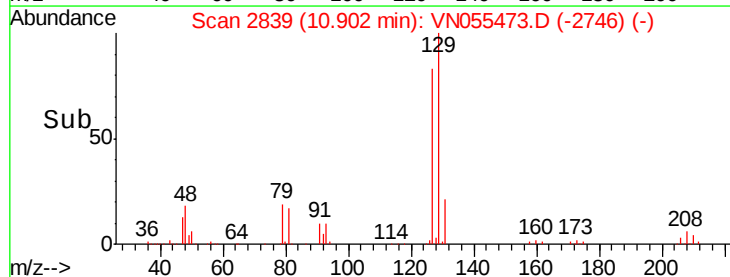
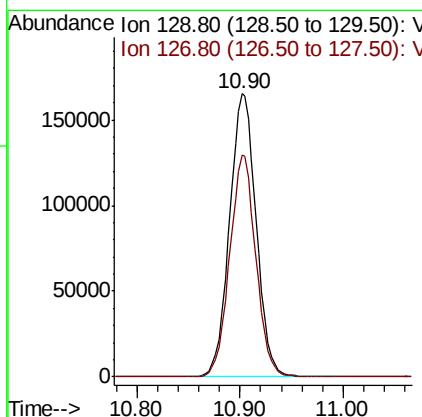
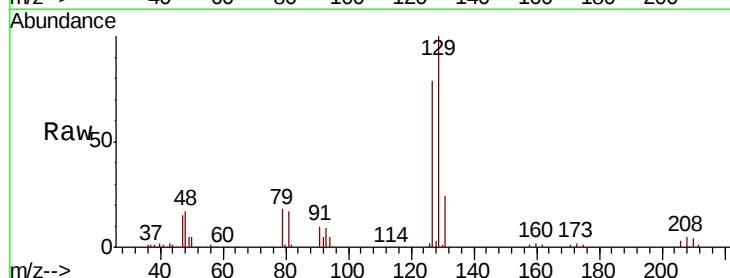
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

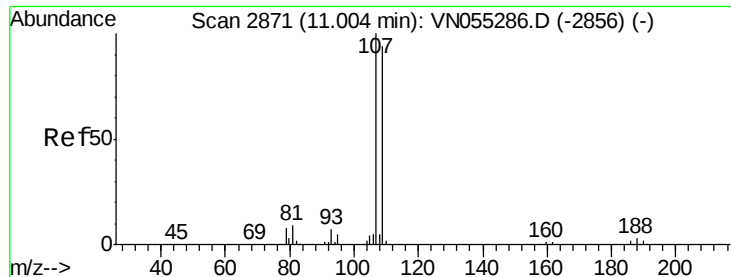
Tot Ion: 43 Resp: 1144506  
Ion Ratio Lower Upper  
43 100  
58 48.2 24.9 74.6



#60  
Dibromochloromethane  
Concen: 56.348 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion:129 Resp: 297140  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.1 114.5

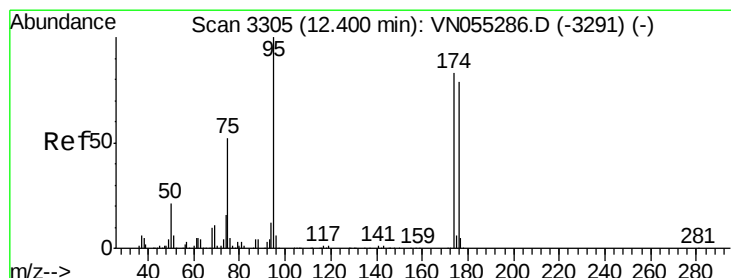
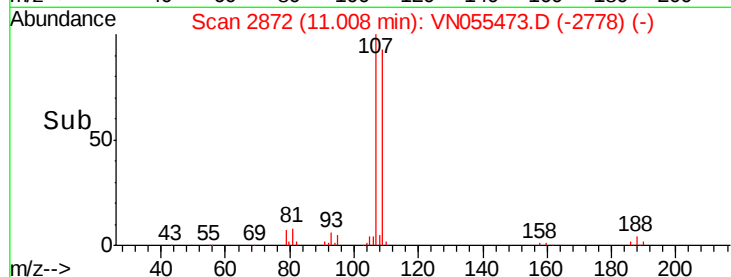
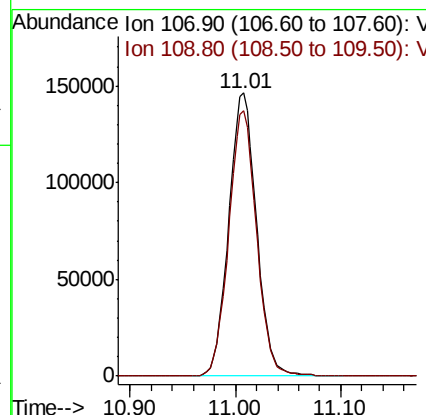
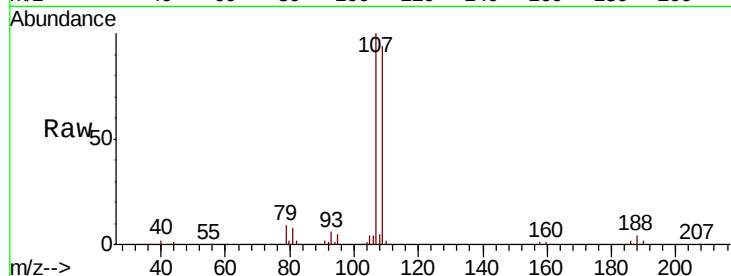




#61  
 1,2-Dibromoethane  
 Concen: 55.845 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

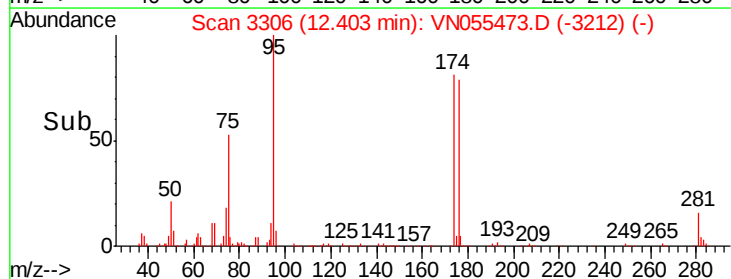
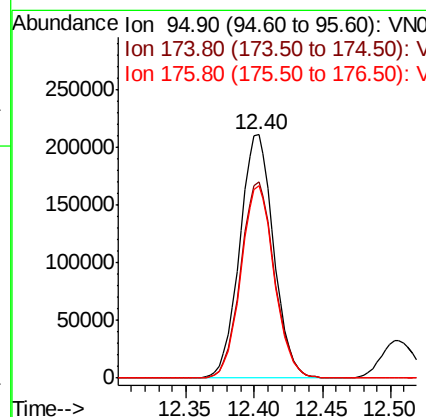
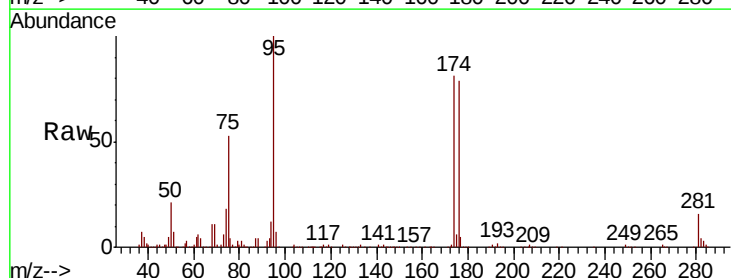
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

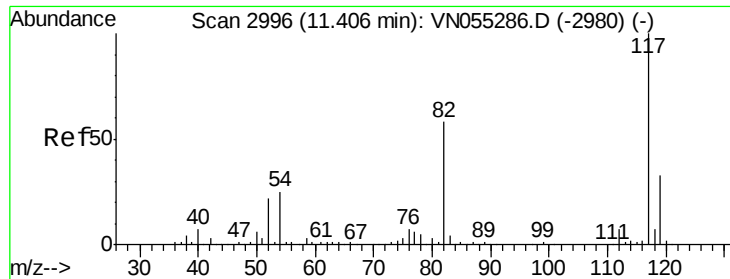
Tot Ion: 107 Resp: 266322  
 Ion Ratio Lower Upper  
 107 100  
 109 93.9 75.0 112.6



#62  
 4-Bromofluorobenzene  
 Concen: 57.332 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

Tgt Ion: 95 Resp: 364207  
 Ion Ratio Lower Upper  
 95 100  
 174 80.1 0.0 166.6  
 176 77.5 0.0 157.8

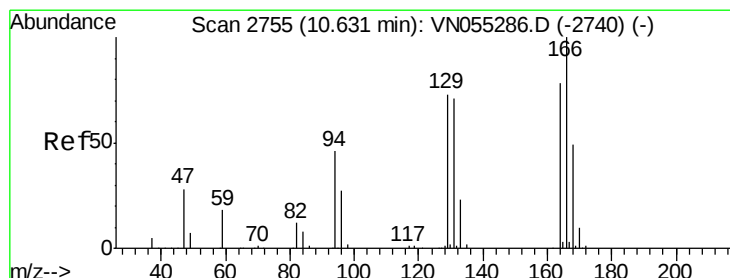
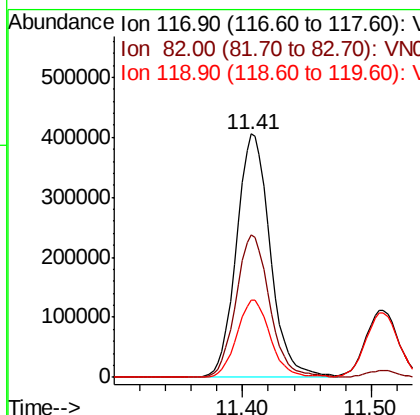
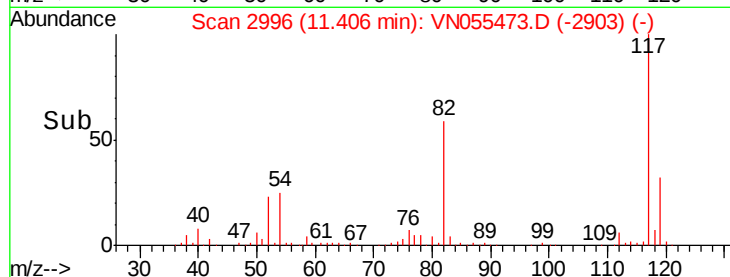
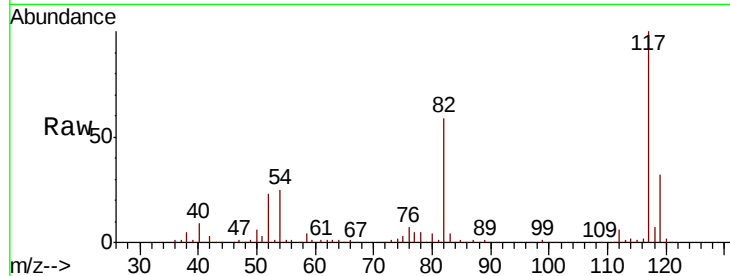




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

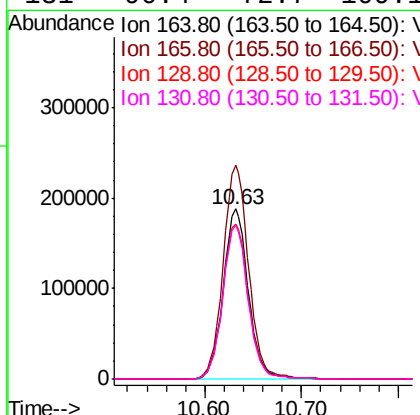
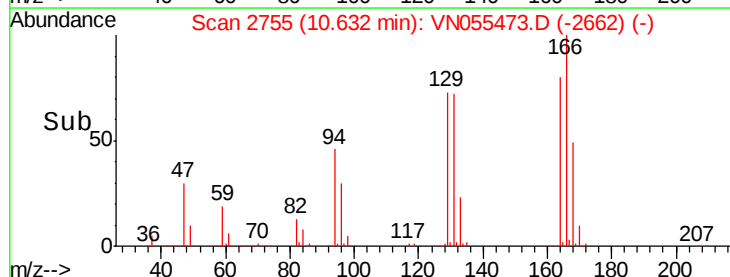
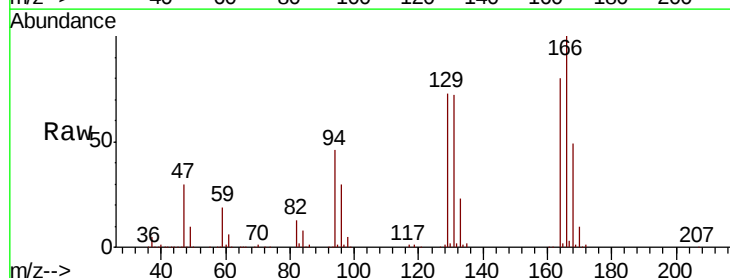
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

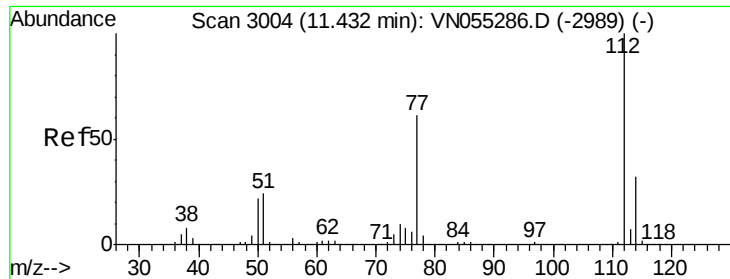
Tot Ion:117 Resp: 739935  
Ion Ratio Lower Upper  
117 100  
82 58.6 46.2 69.4  
119 31.6 26.6 40.0



#64  
Tetrachloroethene  
Concen: 55.883 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion:164 Resp: 338148  
Ion Ratio Lower Upper  
164 100  
166 125.6 102.3 153.5  
129 91.3 75.0 112.6  
131 90.4 72.7 109.1

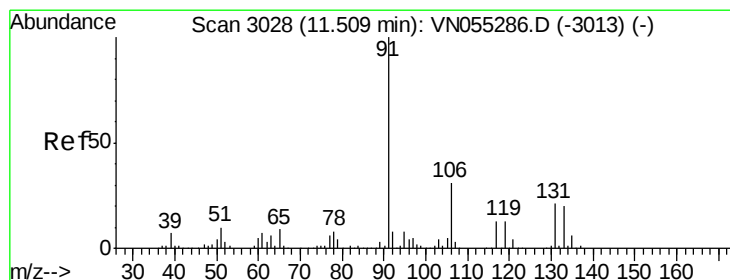
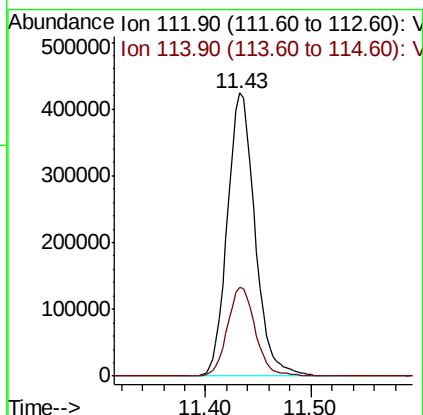
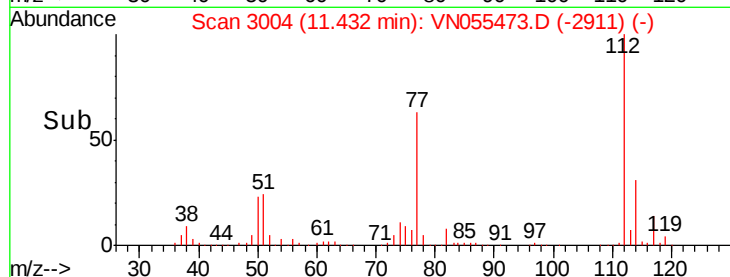
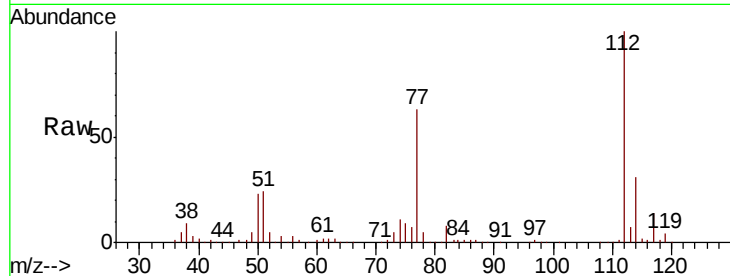




#65  
Chlorobenzene  
Concen: 53.142 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

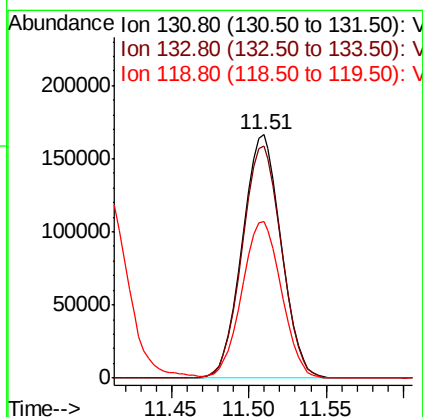
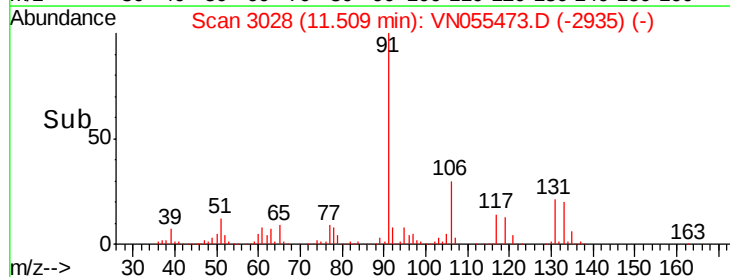
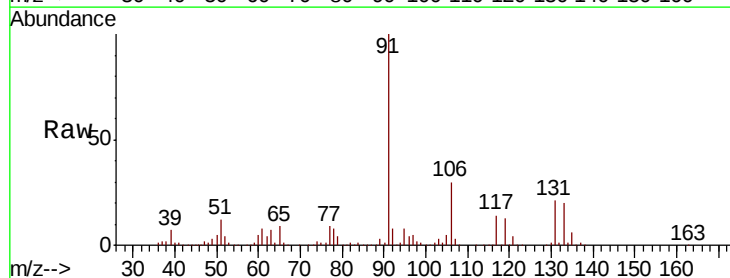
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

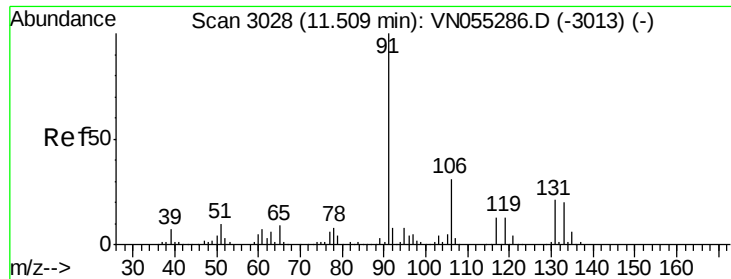
Tot Ion:112 Resp: 768797  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.444 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion:131 Resp: 291412  
Ion Ratio Lower Upper  
131 100  
133 96.7 47.5 142.6  
119 65.5 32.7 98.1

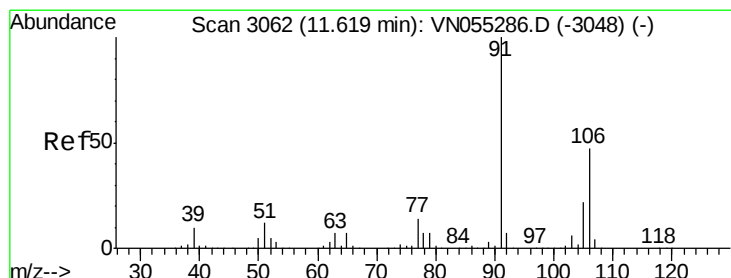
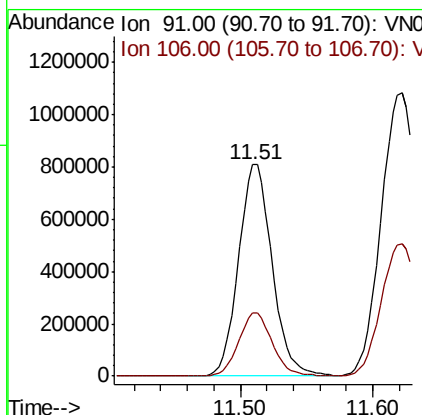
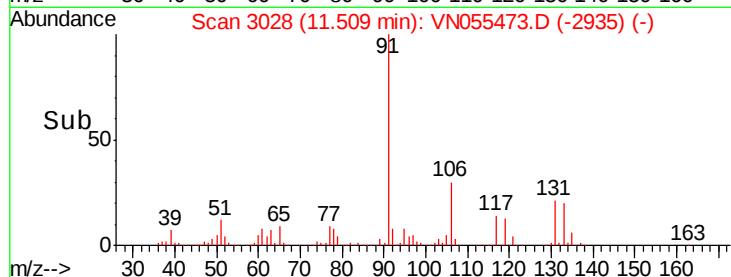
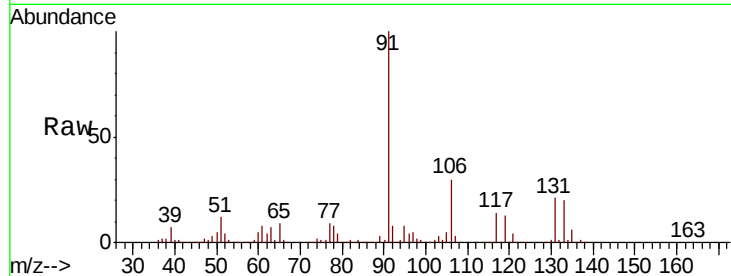




#67  
Ethyl Benzene  
Concen: 54.544 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

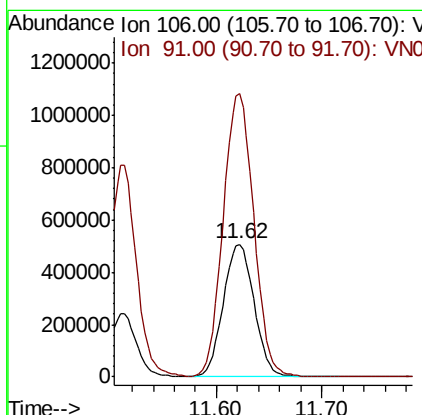
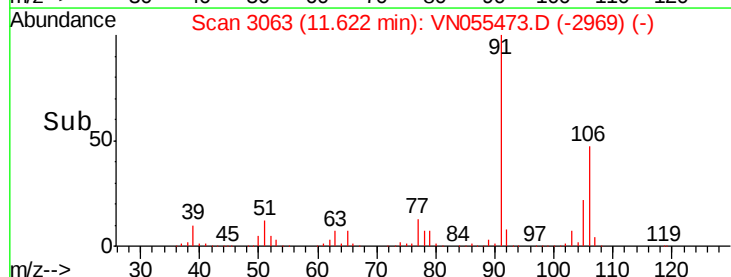
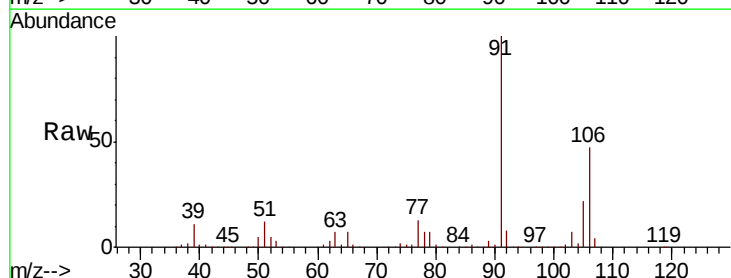
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

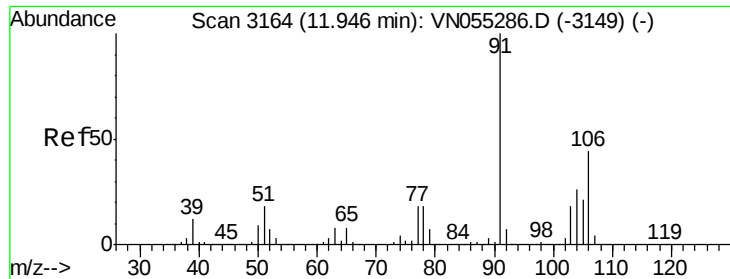
Tot Ion: 91 Resp: 1424912  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.6 36.8



#68  
m/p-Xylenes  
Concen: 109.967 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 106 Resp: 1025419  
Ion Ratio Lower Upper  
106 100  
91 212.2 169.5 254.3

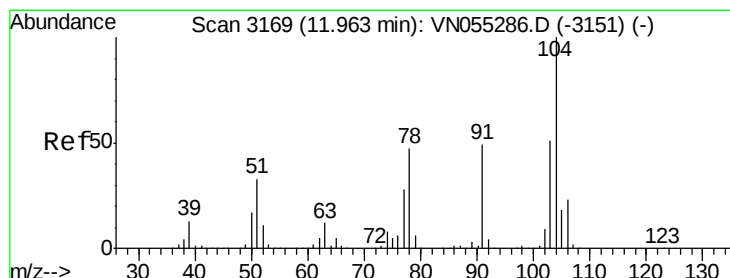
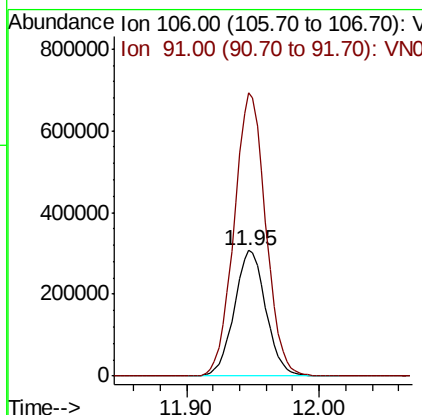
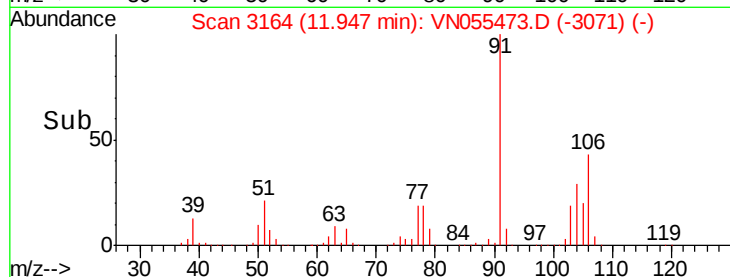
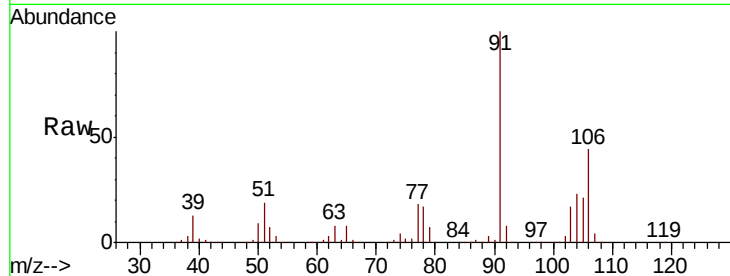




#69  
o-Xylene  
Concen: 54.940 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

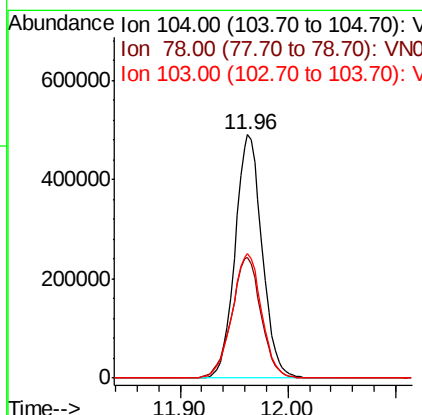
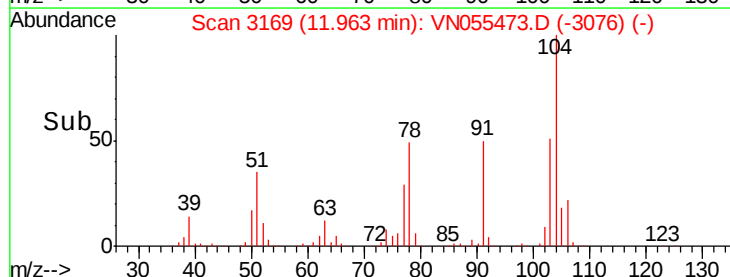
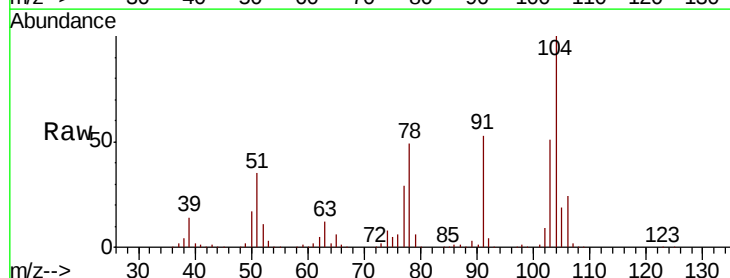
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

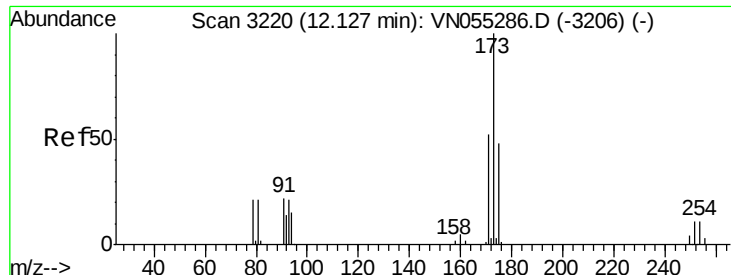
Tot Ion:106 Resp: 507778  
Ion Ratio Lower Upper  
106 100  
91 225.4 111.5 334.5



#70  
Styrene  
Concen: 60.310 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion:104 Resp: 855858  
Ion Ratio Lower Upper  
104 100  
78 53.8 42.2 63.2  
103 55.6 44.6 67.0





#71

Bromoform

Concen: 57.316 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

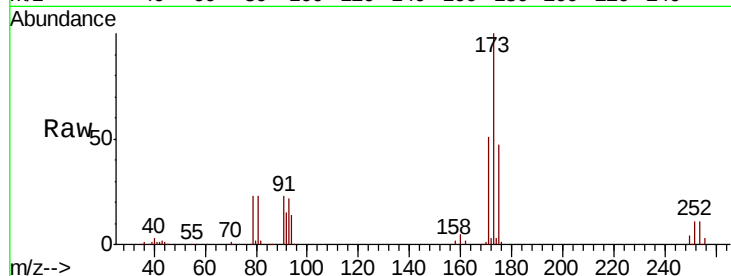
Tot Ion:173 Resp: 180159

Ion Ratio Lower Upper

173 100

175 47.6 23.6 71.0

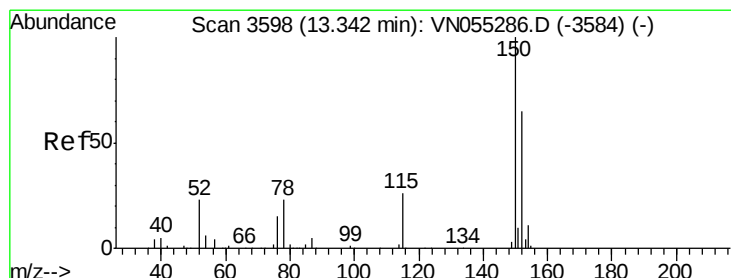
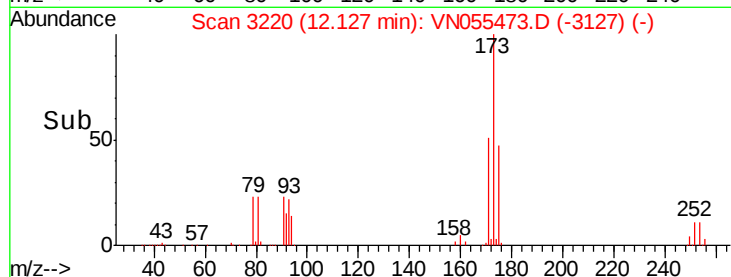
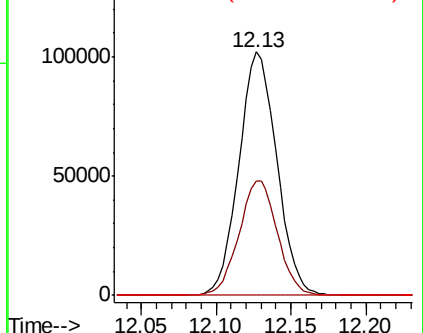
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

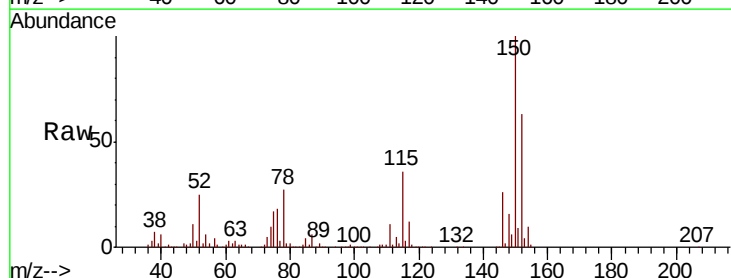
Tgt Ion:152 Resp: 341479

Ion Ratio Lower Upper

152 100

115 59.2 29.0 87.0

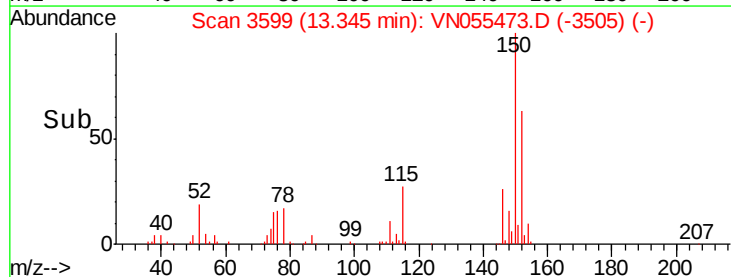
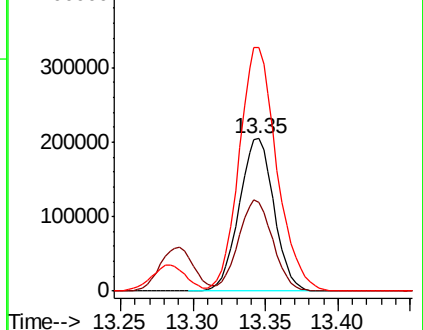
150 172.7 0.0 345.6

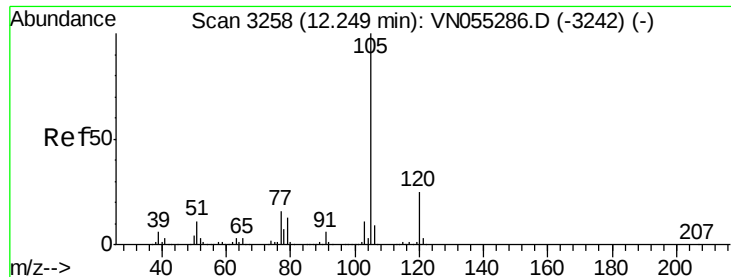


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.190 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

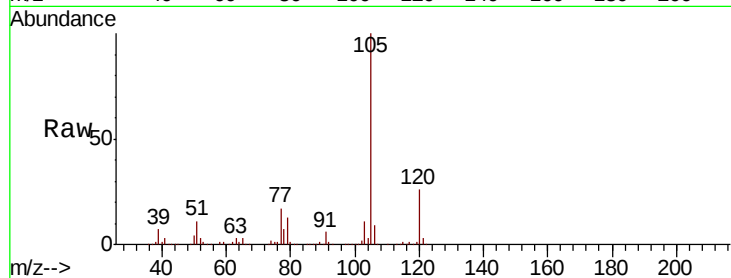
P026-SS002-1218-01MS

Tot Ion:105 Resp: 1388845

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

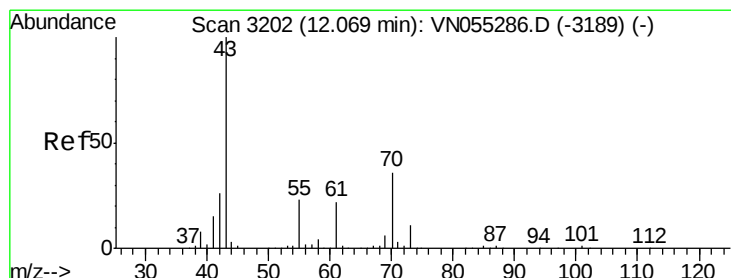
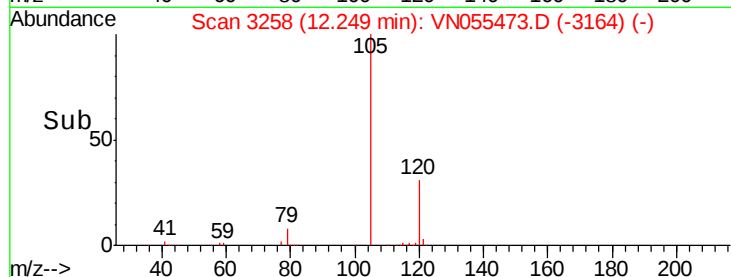
600000

400000

200000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 59.130 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Tgt Ion: 43 Resp: 518198

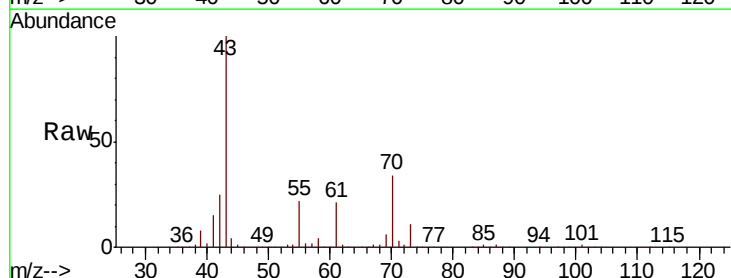
Ion Ratio Lower Upper

43 100

70 34.6 27.9 41.9

55 22.6 18.2 27.2

61 21.1 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

500000

400000

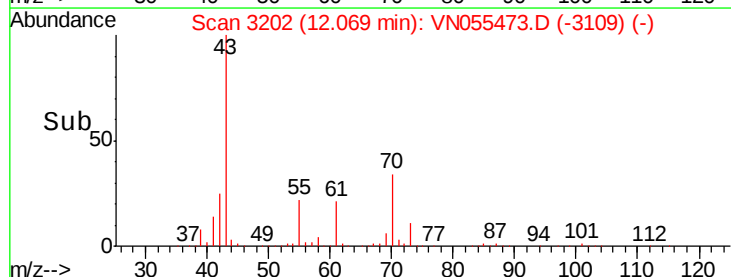
300000

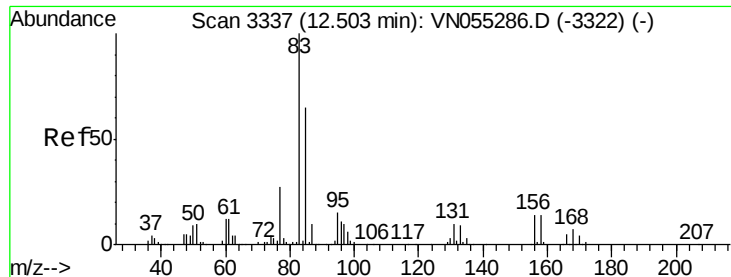
200000

100000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 53.336 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

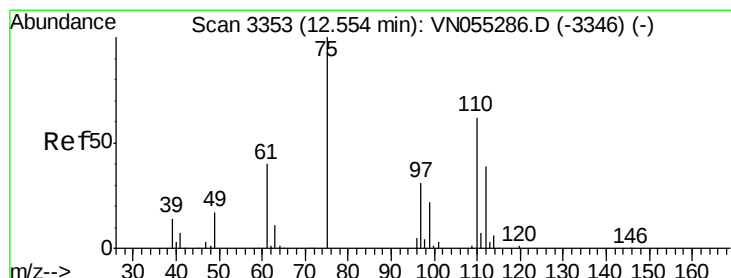
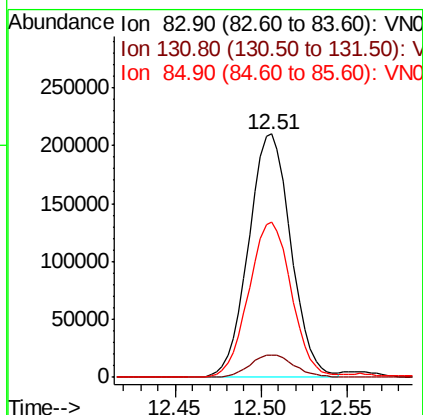
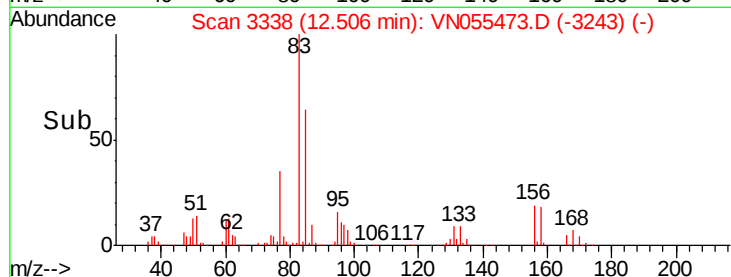
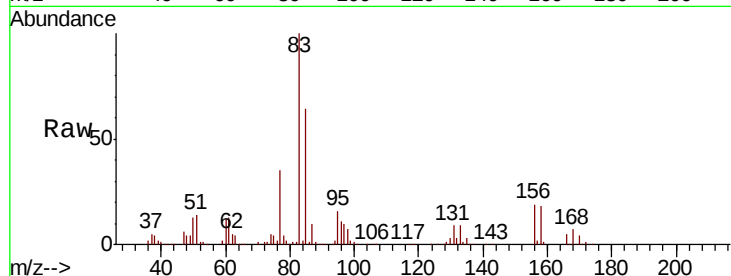
Tot Ion: 83 Resp: 359431

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

85 64.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 68.827 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055473.D

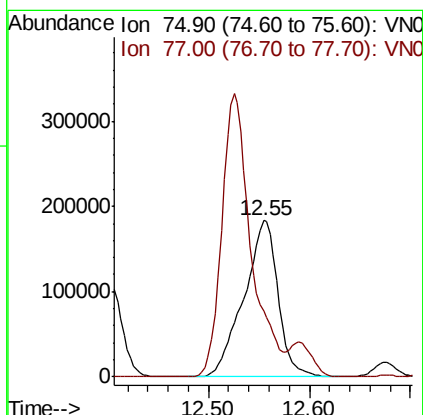
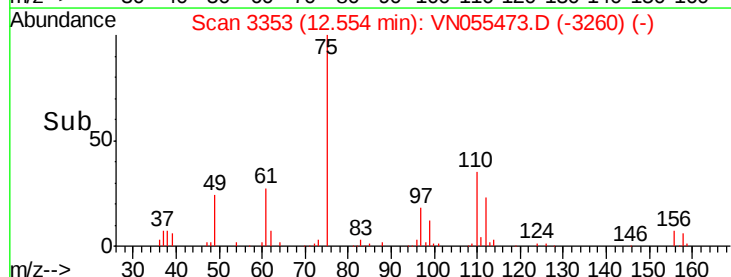
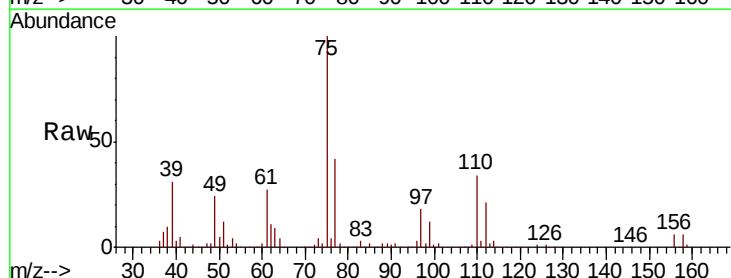
Acq: 8 May 2019 7:01

Tgt Ion: 75 Resp: 430843

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.601 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

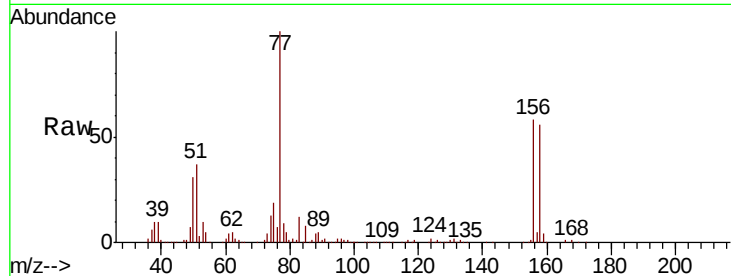
Tot Ion:156 Resp: 329449

Ion Ratio Lower Upper

156 100

77 203.9 99.6 298.8

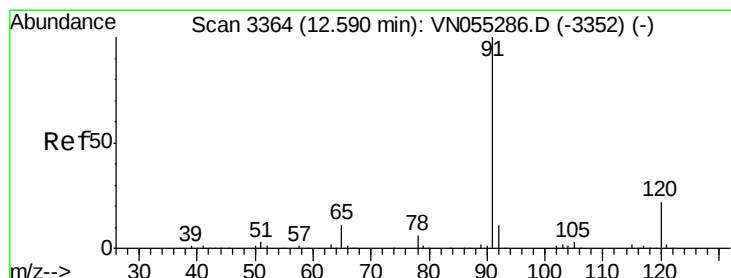
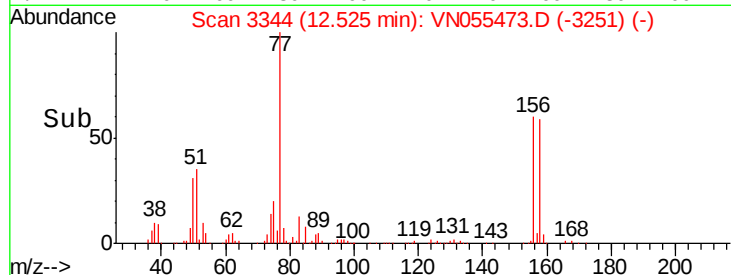
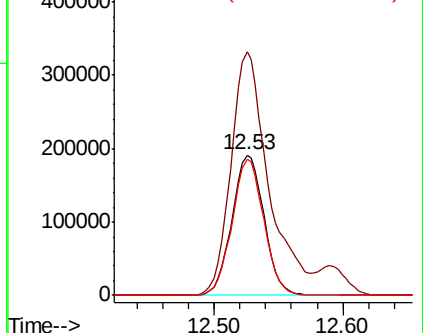
158 95.9 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.697 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055473.D

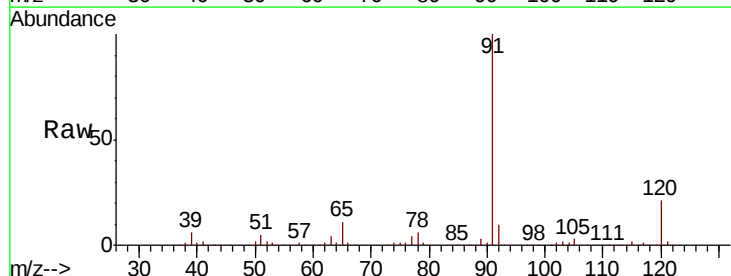
Acq: 8 May 2019 7:01

Tgt Ion: 91 Resp: 1602917

Ion Ratio Lower Upper

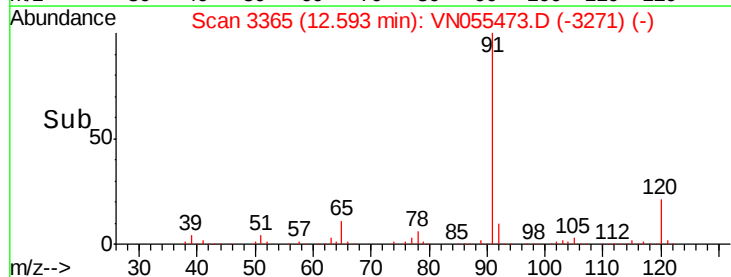
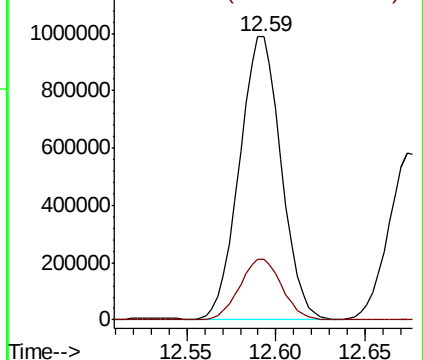
91 100

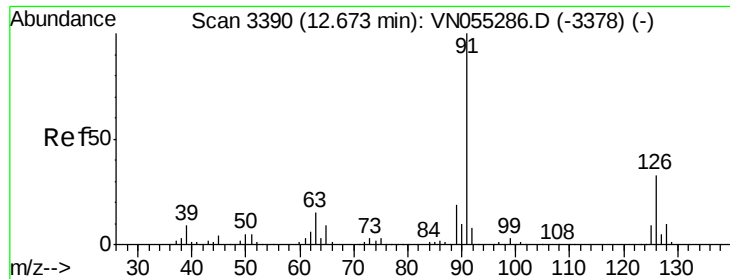
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

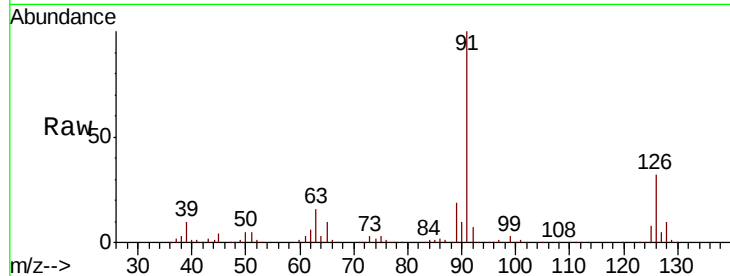




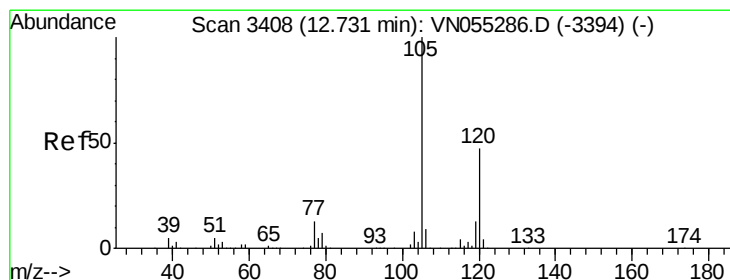
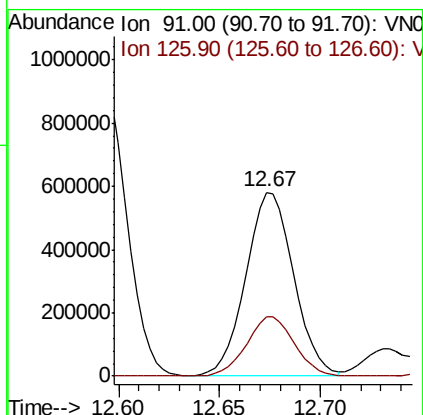
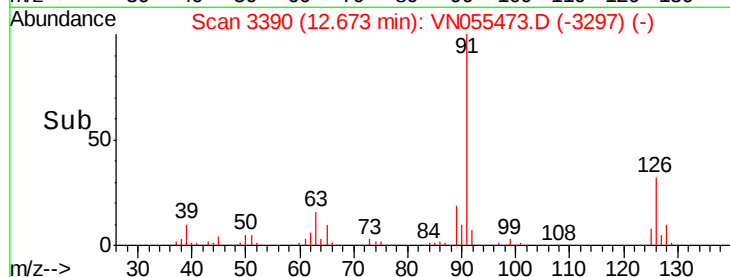
#79  
 2-Chlorotoluene  
 Concen: 52.056 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

Tot Ion: 91 Resp: 961352  
 Ion Ratio Lower Upper  
 91 100  
 126 32.5 16.6 49.7

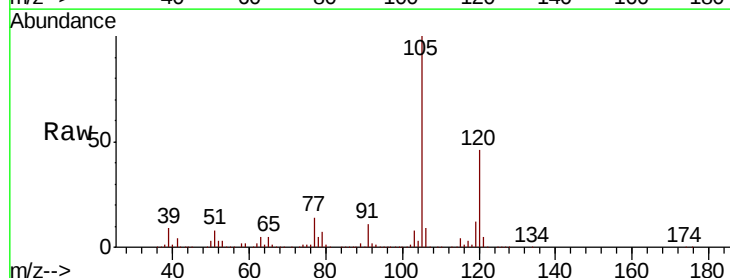


Abundance Ion 91.00 (90.70 to 91.70): VN055473.D (-3297) (-)  
 Ion 125.90 (125.60 to 126.60): VN055473.D (-3297) (-)

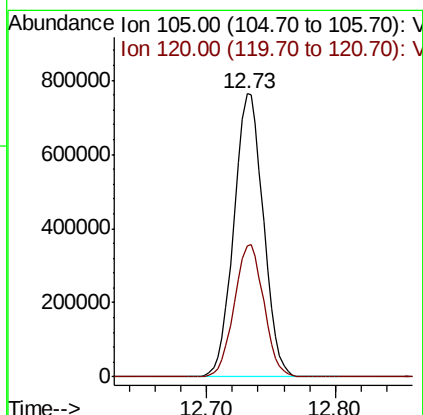
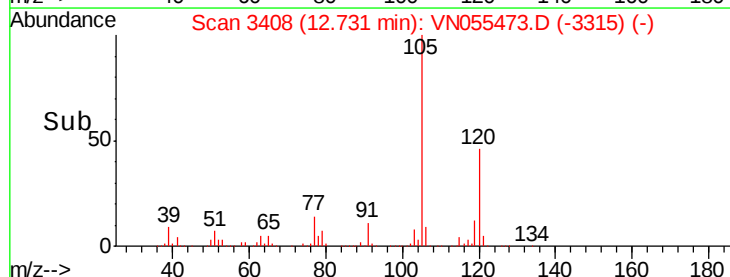


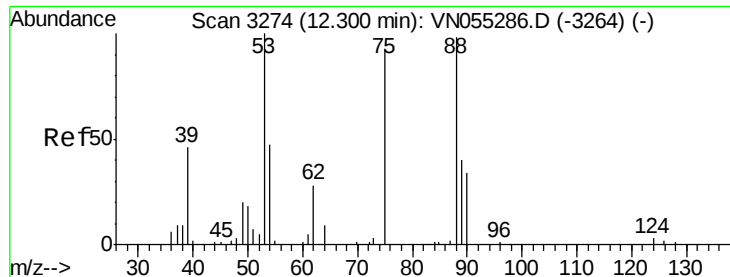
#80  
 1,3,5-Trimethylbenzene  
 Concen: 45.217 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

Tgt Ion: 105 Resp: 1210494  
 Ion Ratio Lower Upper  
 105 100  
 120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055473.D (-3315) (-)  
 Ion 120.00 (119.70 to 120.70): VN055473.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 39.057 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

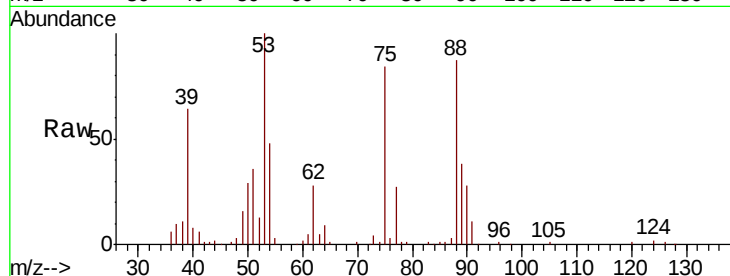
Tot Ion: 75 Resp: 70379

Ion Ratio Lower Upper

75 100

53 124.0 86.3 129.5

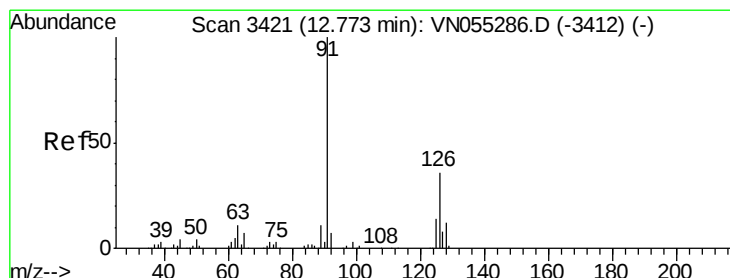
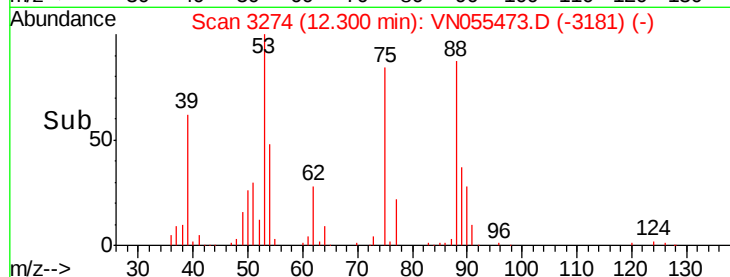
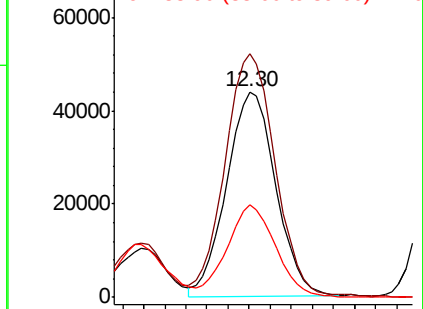
89 44.9 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.851 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055473.D

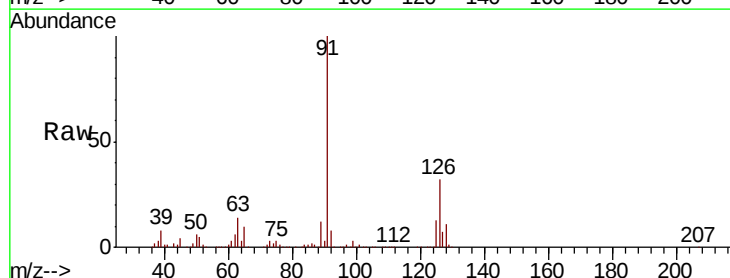
Acq: 8 May 2019 7:01

Tgt Ion: 91 Resp: 955521

Ion Ratio Lower Upper

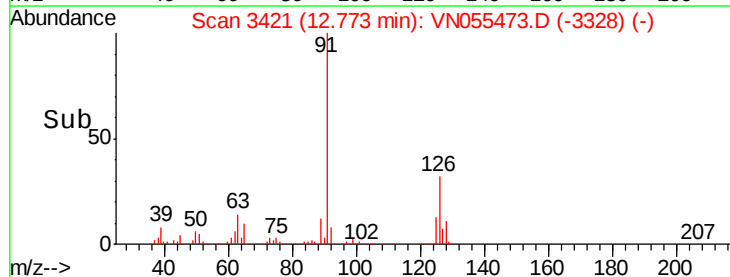
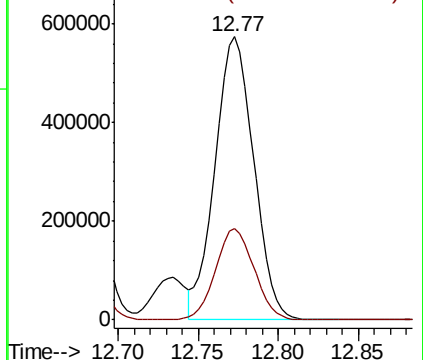
91 100

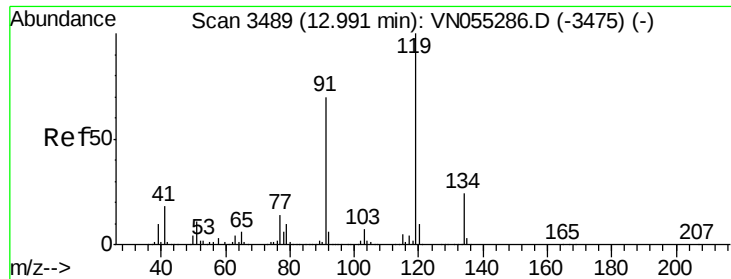
126 32.1 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

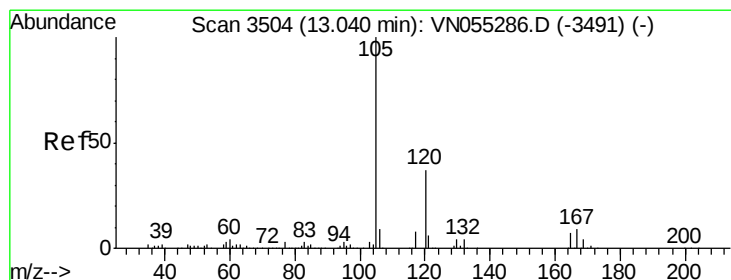
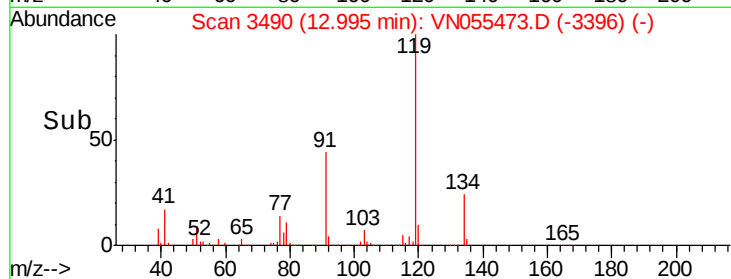
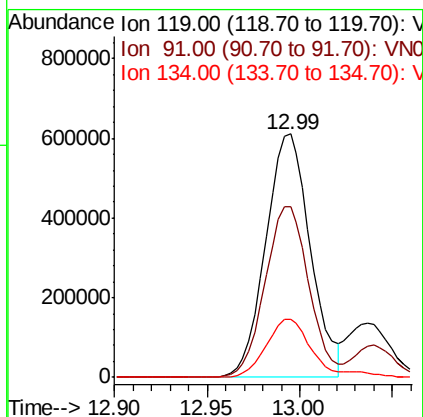
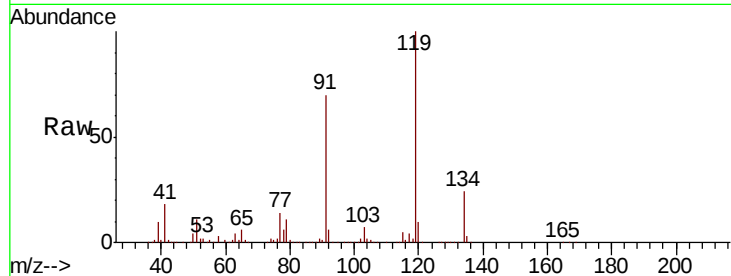




#83  
 tert-Butylbenzene  
 Concen: 54.485 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

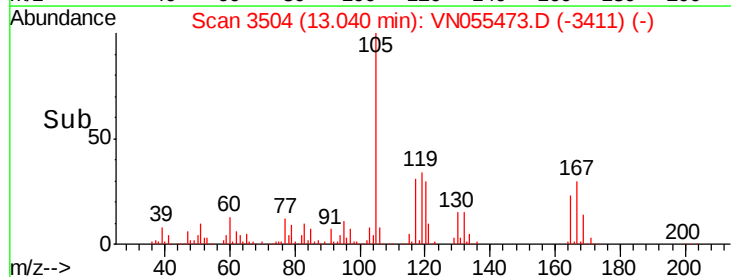
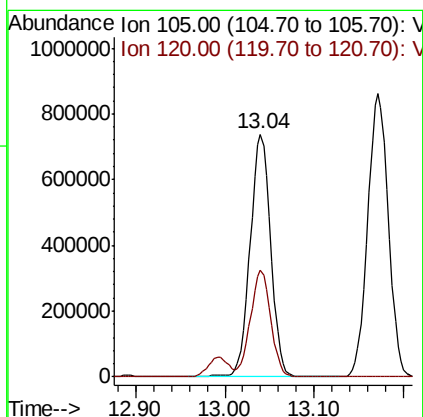
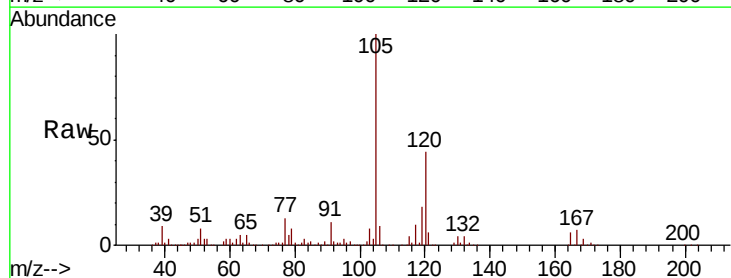
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

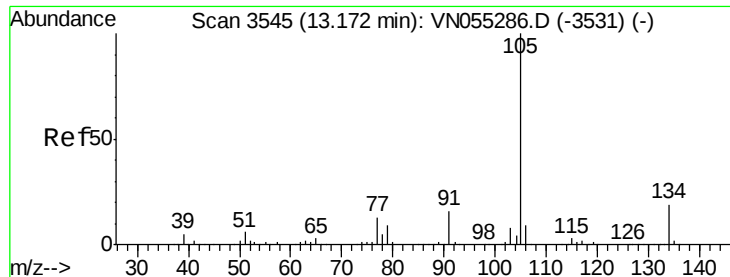
Tot Ion:119 Resp: 1027480  
 Ion Ratio Lower Upper  
 119 100  
 91 68.8 34.3 102.9  
 134 25.0 13.1 39.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.555 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

Tgt Ion:105 Resp: 1186470  
 Ion Ratio Lower Upper  
 105 100  
 120 43.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 47.097 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

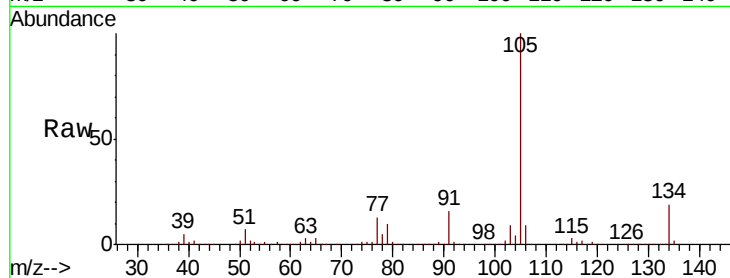
P026-SS002-1218-01MS

Tot Ion:105 Resp: 1370402

Ion Ratio Lower Upper

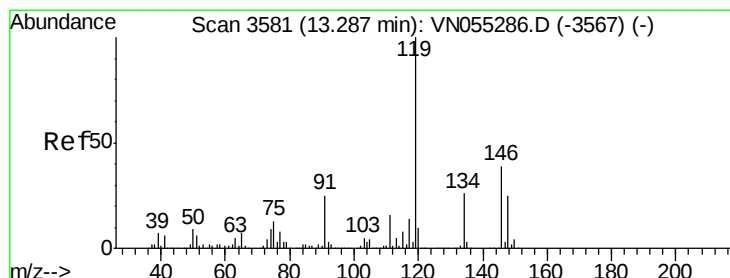
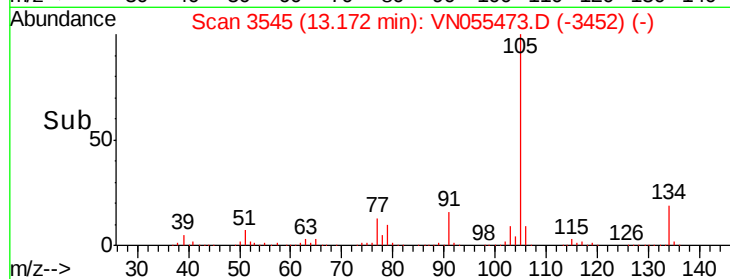
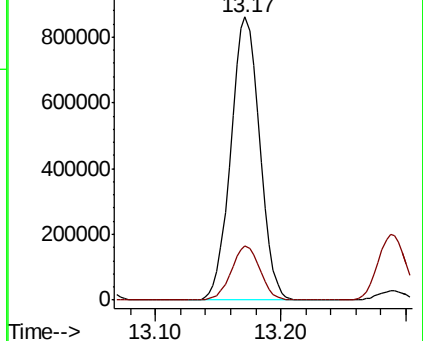
105 100

134 19.0 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.850 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

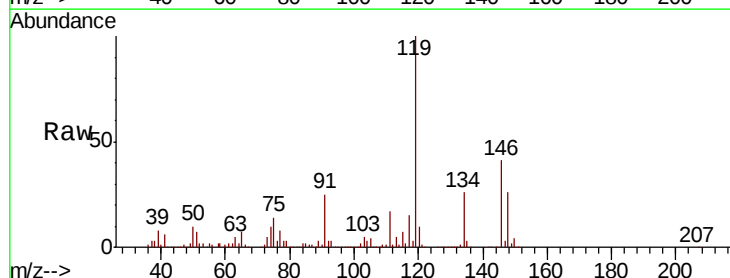
Tgt Ion:119 Resp: 1216115

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

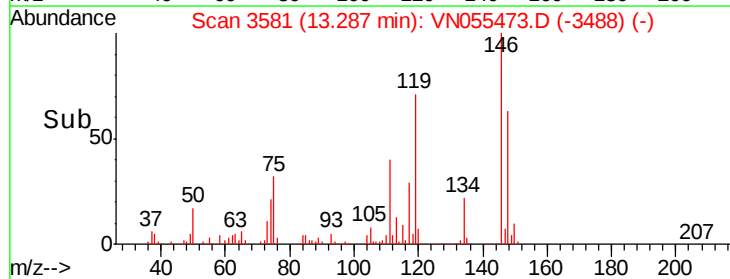
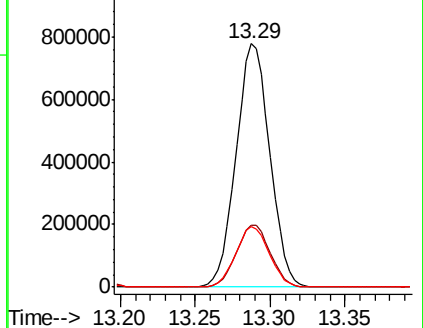
91 24.8 12.2 36.6

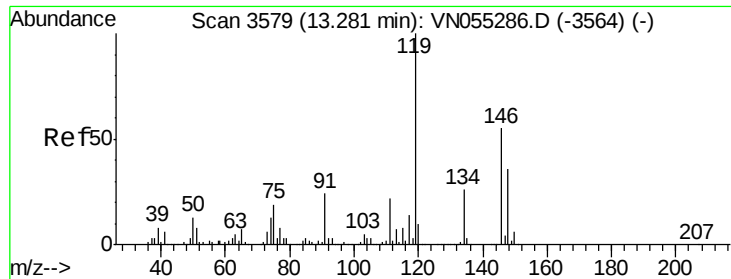


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

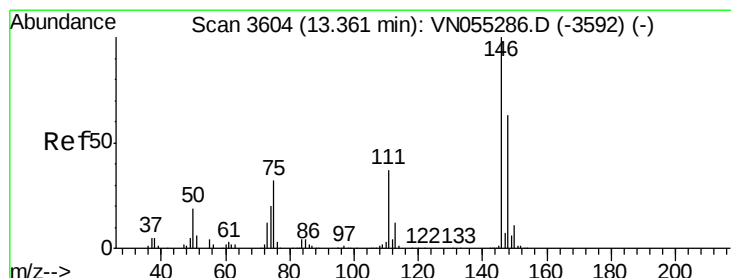
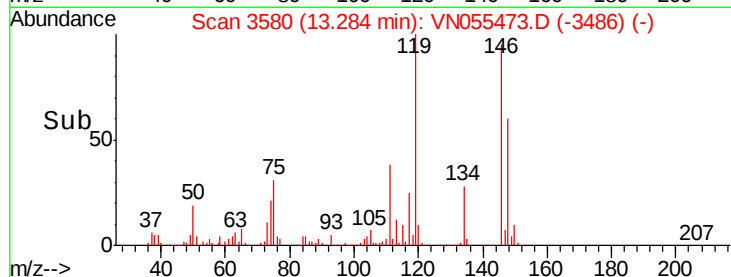
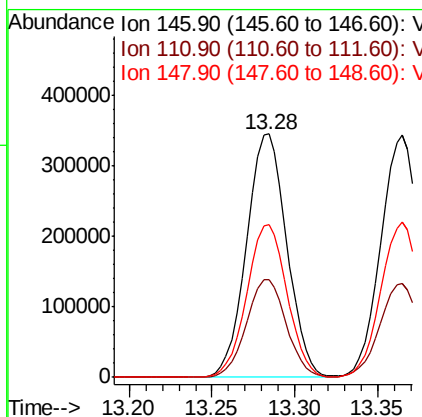
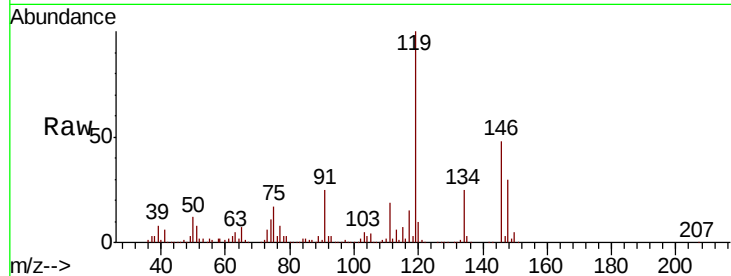




#87  
 1,3-Dichlorobenzene  
 Concen: 51.032 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

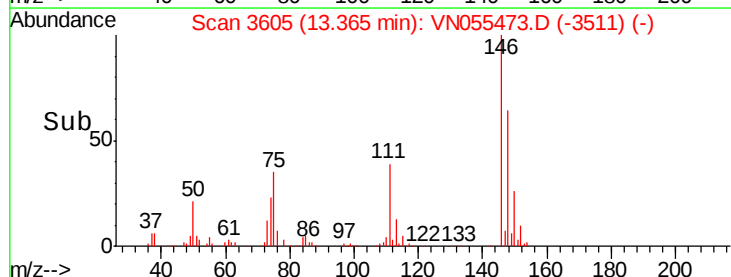
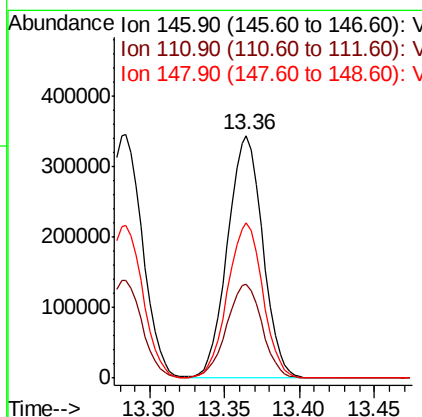
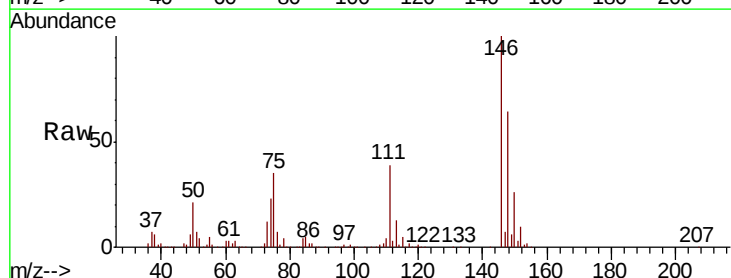
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

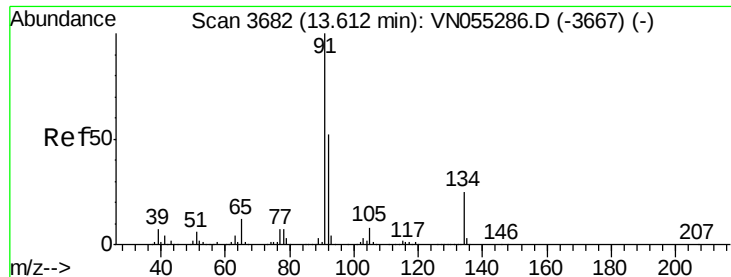
Tot Ion:146 Resp: 583129  
 Ion Ratio Lower Upper  
 146 100  
 111 39.6 20.3 60.8  
 148 62.6 32.5 97.5



#88  
 1,4-Dichlorobenzene  
 Concen: 52.381 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

Tgt Ion:146 Resp: 563663  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 19.5 58.5  
 148 64.1 32.5 97.4

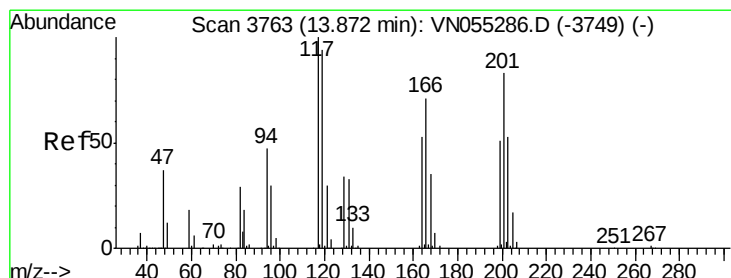
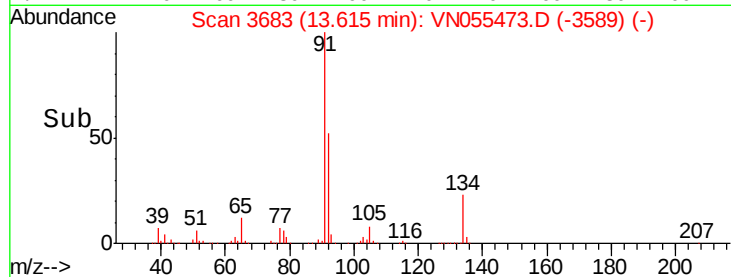
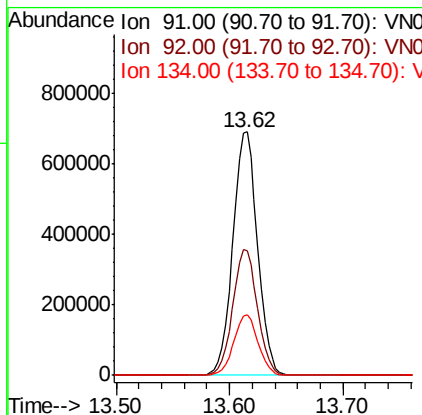
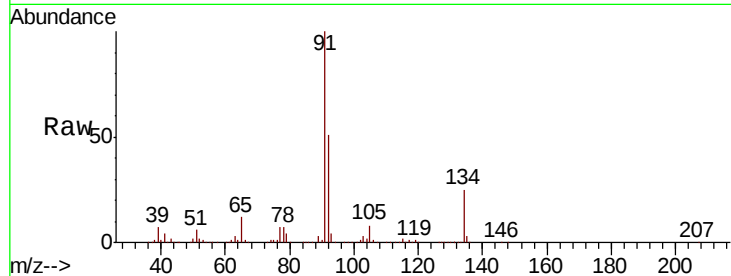




#89  
n-Butylbenzene  
Concen: 61.358 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

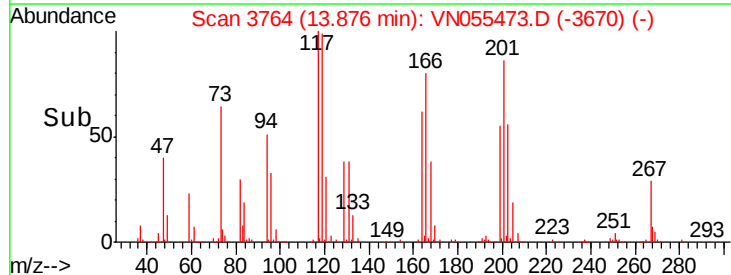
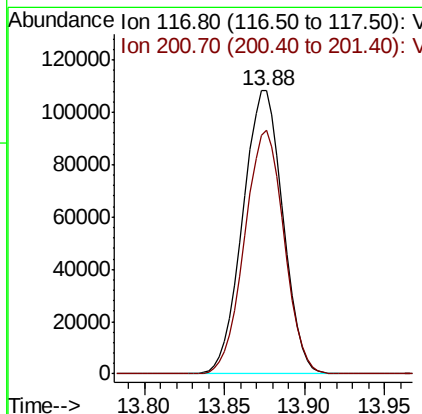
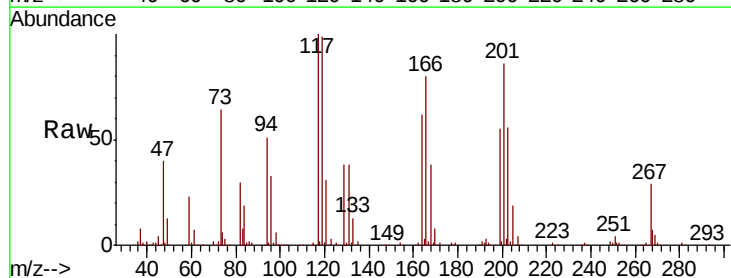
Instrument :  
MSVOA\_N  
ClientSampleId :  
P026-SS002-1218-01MS

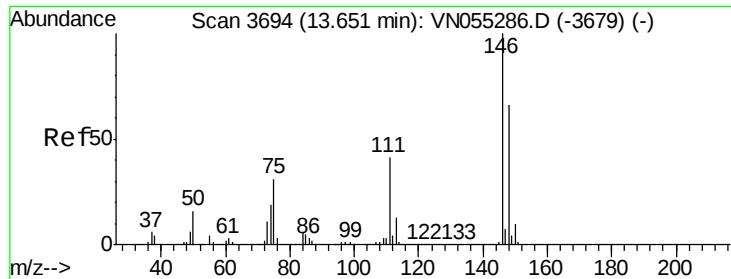
Tot Ion: 91 Resp: 1042727  
Ion Ratio Lower Upper  
91 100  
92 51.7 26.1 78.3  
134 24.6 12.4 37.4



#90  
Hexachloroethane  
Concen: 48.877 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN055473.D  
Acq: 8 May 2019 7:01

Tgt Ion: 117 Resp: 185217  
Ion Ratio Lower Upper  
117 100  
201 84.8 41.9 125.8

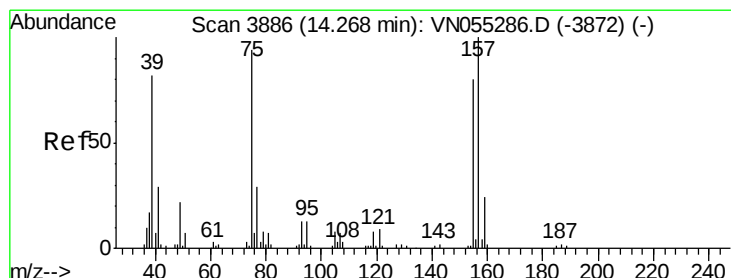
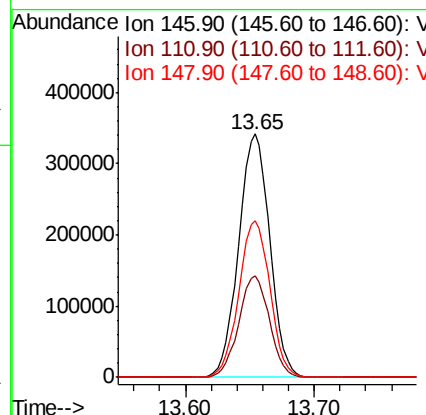
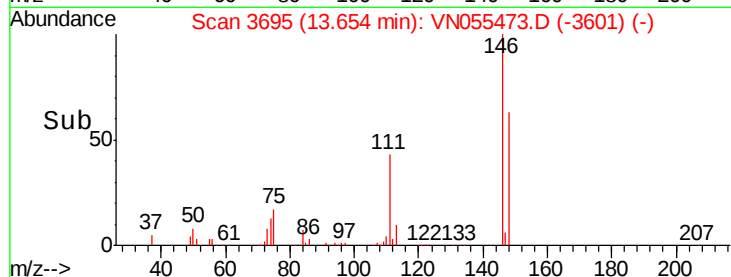
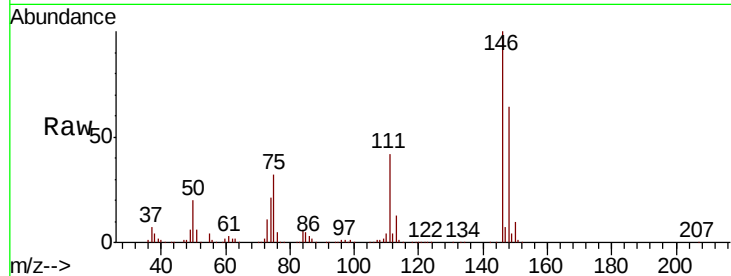




#91  
 1,2-Dichlorobenzene  
 Concen: 50.559 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

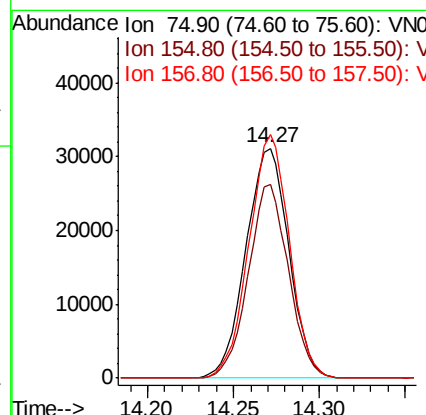
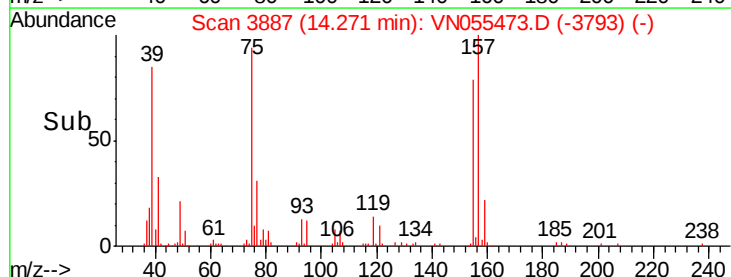
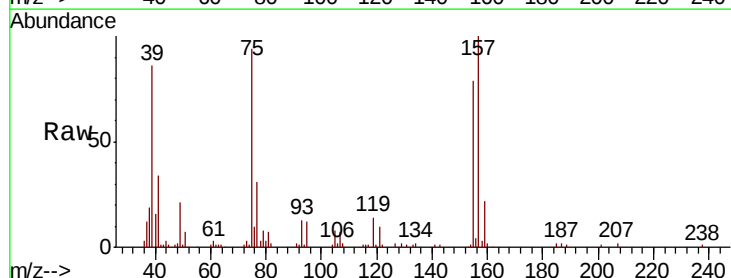
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.2  | 20.3  | 61.0  |
| 148     | 64.2  | 32.4  | 97.2  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 60.091 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 78.9  | 41.5  | 124.6 |
| 157     | 99.8  | 54.0  | 162.2 |

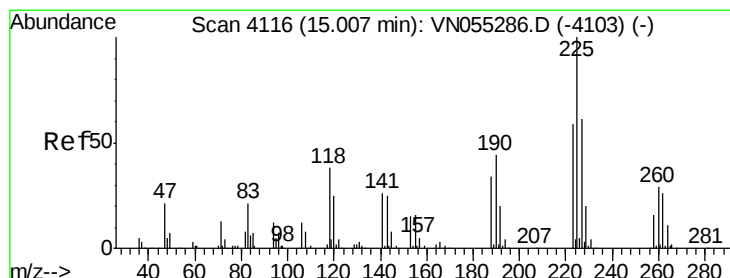
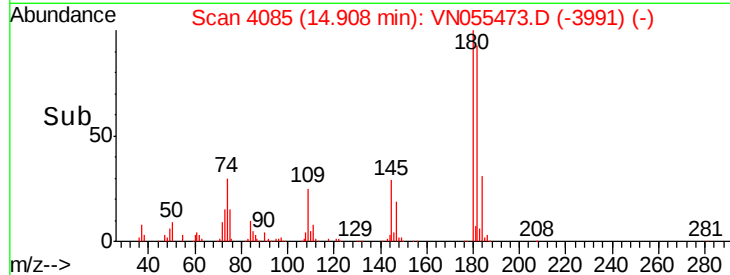
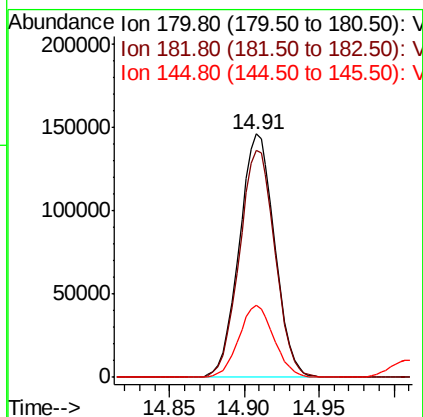
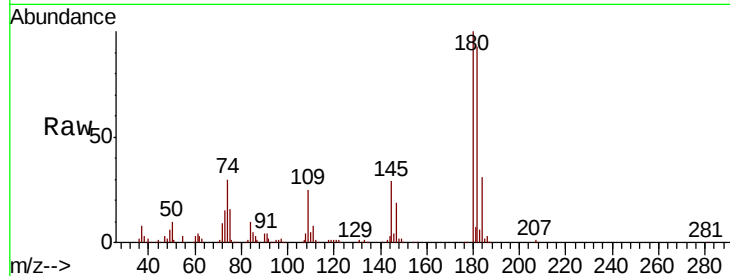




#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.530 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

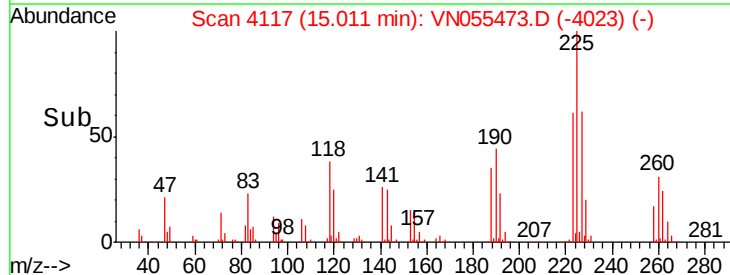
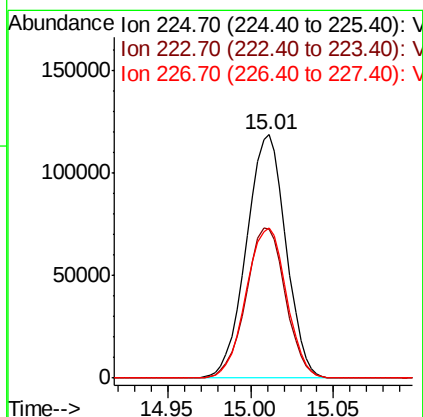
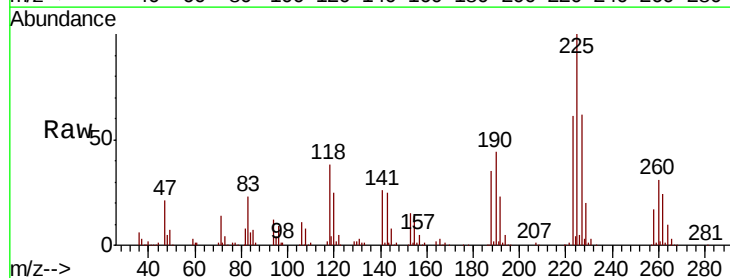
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P026-SS002-1218-01MS

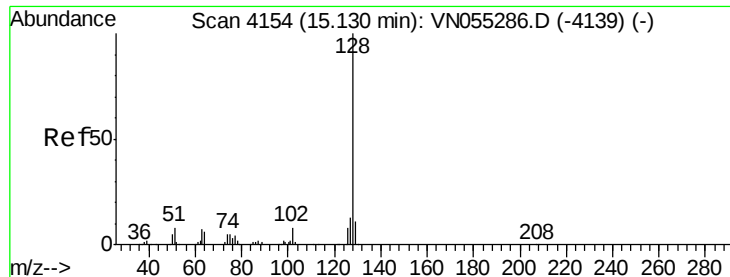
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.8  | 48.3  | 144.9 |
| 145     | 29.3  | 14.2  | 42.6  |



#94  
 Hexachlorobutadiene  
 Concen: 58.061 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN055473.D  
 Acq: 8 May 2019 7:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.7  | 30.3  | 90.8  |
| 227     | 63.0  | 30.9  | 92.7  |





#95

Naphthalene

Concen: 51.814 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

Instrument :

MSVOA\_N

ClientSampleId :

P026-SS002-1218-01MS

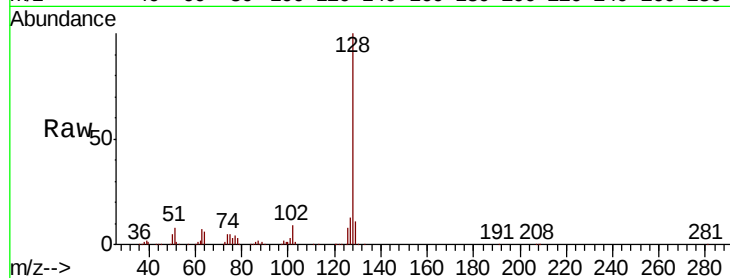
Tot Ion:128 Resp: 493026

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

300000

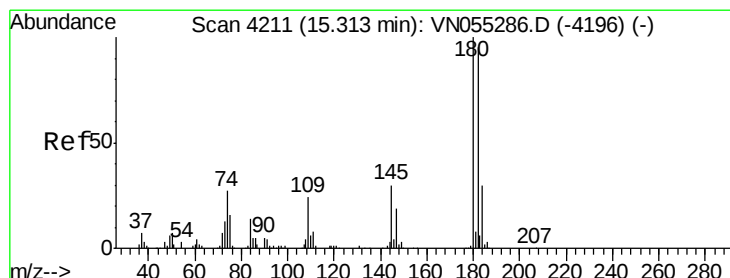
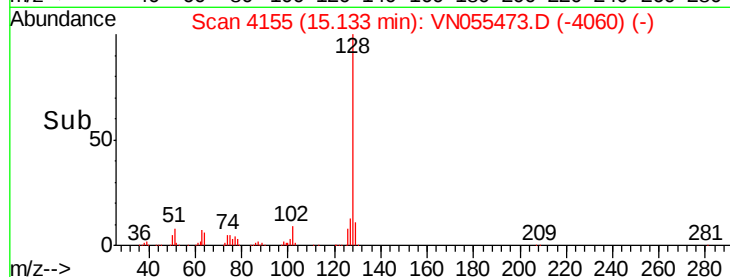
200000

100000

0

15.13

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 55.214 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055473.D

Acq: 8 May 2019 7:01

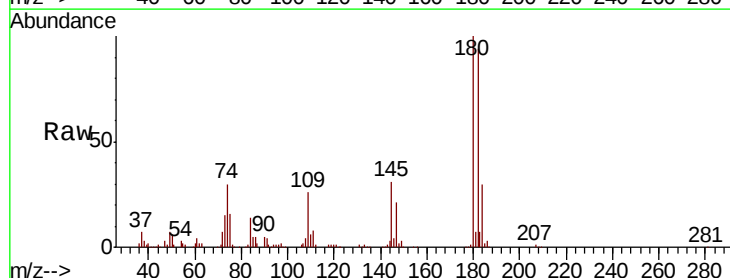
Tgt Ion:180 Resp: 244042

Ion Ratio Lower Upper

180 100

182 94.4 48.3 144.9

145 30.9 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

150000

100000

50000

0

15.31

Time-->

